

C4850-1-U

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

SEVENTY-SECOND EDITION, PUBLISHED AT WESTMINSTER, MARYLAND

1987

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Since 1916—The Industry's Indispensable Reference Manual

INCLUDING THE INDUSTRY'S YELLOW PAGES.

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(See also pages 32 & 33)

The section index on the front cover reveals the basic layout of this reference. Additionally, there's an index on the first page of the larger sections, and an index to the Buyer's Guide. Indices to the Food & Drug Act and the Code of Federal Regulations appear on pages 32 and 33.

In this detailed index, the editors have made every effort to cross index as far as possible without making it too bulky and cumbersome. The volume of detail included in this work, however, creates a near impossible indexing problem.

For best results new users are urged to spend some time familiarizing themselves with Almanac contents.

Bear in mind that this 72nd edition, with the exception of some last minute changes where noted, is updated to May 15, 1987.

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THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Section III LABELING AND PACKAGING

See also FFD&CA SECTION INDEX and CFR PART INDEX on pages 32 and 33

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MANDATORY UNIFORM EFFECTIVE DATES FOR LABELING REGS.

(51 FR 34085, 9/25/86)

- (1) January 1, 1989, for all final orders published (FR) after July 1, 1986, and before January 1, 1988.
- (2) July 1, 1987, for all final orders which specified July 1, 1987 as the effective date.
- (3) Earlier effective dates (e.g. July 1, 1985) not affected.
- (4) Regulations involving special circumstances justifying a different effective date - data as specified in order.

INTRODUCTION

In a publication of this kind, there are necessarily many cross references having to do with so important a subject as labeling and packaging. As an example Section V, "Standards of Identity, etc." contains labeling regulations for each of the specific products standardized. And there are many other such instances. As far as possible, however, without seriously disturbing the continuity of other

sections, many of the major references to Labeling and Packaging have been grouped in this section under main headings. To facilitate reference to other important labeling matters that could not be brought into this section, indexes are provided above and under main headings where necessary, in addition to the General Index in the front of this Almanac and the CFR Part Index at the beginning of Section II.

CAN PRICES

(Per 1000 cans)

Prices, 1931 thru 1947, are for hot dip cans basis 1.50 lbs. tin per base box throughout. Since the advent of electrolytic tin plating during World War II, very few commodities are packed in cans made entirely by the hot dipped process. See description of symbols at end of table. Prices FOB Baltimore at time of shipment, no discounts reflected: thru 1971 during seasonal packs; 1972-75 avg. yearly price; 1976-80 during seasonal packs. 1981 and thereafter effec. April 1.

Year	8Z Tall 211x304	No. 1 Pic 211x400	No. 303 303x406	No. 2 307x409	No. 2½ 401x411	No. 3 cyl. 404x700	No. 10 603x700
1931.....		\$14.40		\$19.99	\$25.21	*\$27.19	\$60.33
1932.....		13.95		19.32	24.36	*26.24	58.46
1933.....		13.05		17.97	22.66	*24.34	54.71
1934, 1935 and 1936.....		14.85		20.67	26.06	*28.14	62.21
1937.....		13.66		19.02	23.06	*25.89	57.23
1938.....		14.56		20.32	24.71	*27.79	60.93
1939.....		13.93		19.41	23.66	*25.46	58.34
1940 thru 1946.....		13.85		19.00	22.60	*26.46	57.20
1947.....		16.05		21.63	26.19	40.93	65.69
1948 Hot Dipped, 1.50.....		18.24		24.61	30.05	46.26	74.51
1948 Electrolytic, .50 i.e.....		17.80		23.78	29.41	45.83	75.09
1949 Hot Dipped, 1.50.....		20.20		27.29	33.52	51.05	82.41
1949 Electrolytic, .50 i.e.....		19.31		25.81	32.05	49.47	81.14
1950 Hot Dipped, 1.50.....		19.89	24.75	26.75	32.88	50.12	81.05
1950 Electrolytic, .50 i.e.....		19.27	23.69	25.66	31.91	49.23	80.89
1951 Hot Dipped, 1.50.....		22.59	28.03	30.88	38.37	57.87	93.60
1951 Electrolytic, .50 i.e.....		21.37	26.38	29.07	36.21	55.26	90.48
1952 Hot Dipped, 1.50.....		22.49	27.95	30.62	37.95	57.34	92.68
1952 Electrolytic, .50 i.e.....		21.27	26.25	28.04	35.66	54.73	89.56
1953 Hot Dipped, 1.50.....	21.36	23.46	29.20	31.98	39.66	59.85	96.75
1953 Electrolytic, .50 i.e.....	20.28	22.21	27.46	29.96	37.32	57.17	93.56
1953 Electrolytic, .25 i.e.....	19.90	21.78	26.88	29.29	36.50	56.03	91.67
1957 Hot Dipped, 1.50.....	24.97	27.50	34.24	37.48	47.73	72.29	117.01
1957 Electrolytic, .50 i.e.....	23.93	26.30	32.60	35.68	45.53	69.72	113.93
1957 Electrolytic, .25 i.e.....	23.55	25.87	32.02	35.04	44.72	68.60	112.09
1957 Differential.....	23.59	25.94	32.18	35.18	44.79	68.33	110.97
1961 Hot Dipped, 1.50.....	24.82	29.20	33.61	38.03	47.98	76.30	124.08
1961 elect. #25 E.I.....	23.47	27.64	31.43	35.53	45.07	72.65	119.26
1961 diff. B 50/25; E 25 i.e.....	23.84	28.06	32.00	36.18	45.87	73.77	121.11
1961 diff. B 75/25; E 25 i.e.....	23.39	27.57	31.42	35.48	44.86	72.03	117.53
1961 diff. B 100/25; E 25 i.e.....	23.48	27.68	31.57	35.64	45.05	72.34	117.97
1963 Hot Dipped, 1.50.....	25.65	30.29	34.81	39.43	49.64	77.17	126.44
1963 elect. #25 E.I.....	24.30	28.73	32.63	36.93	46.73	73.52	121.62
1963 diff. B 50/25; E 25 i.e.....	23.86	28.22	32.02	36.24	45.76	71.66	118.13
1963 diff. B 75/25; E 25 i.e.....	24.22	28.66	32.64	36.88	46.52	72.90	119.89
1963 diff. B 100/25; E 25 i.e.....	24.31	28.77	32.77	37.04	46.71	73.21	120.33
1963 elect. #25 E.I.*.....	23.74		31.64				
1963 diff. B 50/25; E 25 i.e.*.....	23.30		31.03				
1963 diff. B 75/25; E 25 i.e.*.....	23.66		31.63				
1963 diff. B 100/25; E 25 i.e.*.....	23.75		31.78				
1965 elect. #25 E.I.....	25.46	30.09	34.07	38.69	48.92	76.53	126.79
1965 diff. B 50/25; E 25 i.e.....	25.02	29.58	33.46	38.00	47.95	74.67	123.30
1965 diff. B 75/25; E 25 i.e.....	25.38	30.02	34.06	38.64	48.71	75.91	125.06
1965 diff. B 100/25; E 25 i.e.....	25.47	30.13	34.21	38.80	48.90	76.22	125.50
1965 elect. #25 E.I.*.....	24.99		33.06				
1965 diff. B 50/25; E 25 i.e.*.....	24.55		32.45				
1965 diff. B 75/25; E 25 i.e.*.....	24.91		33.05				
1965 diff. B 100/25; E 25 i.e.*.....	25.00		33.20				
1967 elect. #25 E.I.....	26.53	31.28	35.45	40.49	51.16	79.16	131.77
1967 diff. B 50/25; E 25 i.e.....	26.09	30.77	34.84	39.80	50.19	77.30	128.28
1967 diff. B 75/25; E 25 i.e.....	26.45	31.21	35.44	40.44	50.95	78.54	130.04
1967 diff. B 100/25; E 25 i.e.....	26.45	31.32	35.59	40.50	51.14	78.85	130.48
1967 elect. #25 E.I.*.....	25.98		34.48				
1967 diff. B 50/25; E 25 i.e.*.....	25.54		33.87				
1967 diff. B 75/25; E 25 i.e.*.....	25.90		34.47				
1967 diff. B 100/25; E 25 i.e.*.....	25.99		34.62				
1969 elect. #25 E.I.....	28.67	33.63	38.19	44.49	56.24	87.91	149.32
1969 diff. B 50/25; E 25 i.e.....	28.46	33.40	37.95	44.20	55.74	86.83	146.93
1969 diff. B 75/25; E 25 i.e.....	28.78	33.78	38.47	44.76	56.41	87.91	148.47
1969 diff. B 100/25; E 25 i.e.....	29.00	34.06	38.85	45.16	56.88	88.69	149.57
1969 elect. #25 E.I.*.....	28.36		37.89				
1969 diff. B 50/25; E 25 i.e.*.....	28.14		37.64				
1969 diff. B 75/25; E 25 i.e.*.....	28.46		38.17				
1969 diff. B 100/25; E 25 i.e.*.....	28.68		38.54				
1971 elect. #25 E.I.....	33.58	39.26	44.80	51.95	66.19	102.70	174.65
1971 diff. B 50/25; E 25 i.e.....	33.46	39.14	44.71	51.82	65.88	101.93	172.70
1971 diff. B 75/25; E 25 i.e.....	33.73	39.48	45.15	52.20	66.45	102.85	174.02
1971 diff. B 100/25; E 25 i.e.....	34.00	39.80	45.61	52.72	67.02	103.79	175.34
1971 elect. #25 E.I.*.....	33.32		44.36				
1971 diff. B 50/25; E 25 i.e.*.....	33.20		44.27				
1971 diff. B 75/25; E 25 i.e.*.....	33.47		44.71				
1971 diff. B 100/25; E 25 i.e.*.....	33.74		45.17				

* No. 3.

CAN PRICES—Continued

Year	8Z Tall 211x304	No. 1 Pic 211x400	No. 303 303x406	No. 2 307x409	No. 2½ 401x411	No. 3 cyl. 404x700	No. 10 603x700
1973 elect. #25 E.I.	37.09	43.36	49.68	57.73	73.91	114.56	196.66
1973 diff. B 50/25; E 25 i.e.	37.24	43.59	50.07	58.14	74.19	114.73	195.99
1973 diff. B 75/25; E 25 i.e.	37.63	43.95	50.55	58.66	74.80	115.73	197.40
1973 diff. B 100/25; E 25 i.e.	37.92	44.42	51.20	59.35	75.62	117.06	199.30
1973 elect. #25 E.I.*	36.94	.....	49.08	.....	.....	.....	.....
1973 diff. B 50/25; E 25 i.e.*	37.09	.....	49.47	.....	.....	.....	.....
1973 diff. B 75/25; E 25 i.e.*	37.48	.....	49.95	.....	.....	.....	.....
1973 diff. B 100/25; E 25 i.e.*	37.77	.....	50.60	.....	.....	.....	.....
1975 elect. #25 E.I.	55.36	64.62	74.32	87.03	110.83	170.87	294.21
1975 diff. B 50/25; E 25 i.e.	55.33	64.63	74.43	87.10	110.72	170.31	292.33
1975 diff. B 75/25; E 25 i.e.	56.10	65.57	75.71	88.46	112.34	172.95	296.07
1975 diff. B 100/25; E 25 i.e.	56.82	66.45	76.91	89.74	113.86	175.43	299.59
1975 elect. #25 E.I.*	54.61	.....	73.38	.....	.....	.....	.....
1975 diff. B 50/25; E 25 i.e.*	54.58	.....	73.49	.....	.....	.....	.....
1975 diff. B 75/25; E 25 i.e.*	55.35	.....	74.77	.....	.....	.....	.....
1975 diff. B 100/25; E 25 i.e.*	56.07	.....	75.97	.....	.....	.....	.....
1977 elect. #25 E.I.	64.63	75.43	86.80	101.62	129.41	199.46	343.43
1977 diff. B 50/25; E 25 i.e.	64.62	75.47	86.96	101.73	129.32	198.87	341.32
1977 diff. B 75/25; E 25 i.e.	65.29	76.29	88.08	102.93	130.74	201.19	344.62
1977 diff. B 100/25; E 25 i.e.	66.15	77.34	89.51	104.45	132.55	204.14	348.80
1977 elect. #25 E.I.*	63.75	.....	85.71	.....	.....	.....	.....
1977 diff. B 50/25; E 25 i.e.*	63.74	.....	85.87	.....	.....	.....	.....
1977 diff. B 75/25; E 25 i.e.*	64.41	.....	86.99	.....	.....	.....	.....
1977 diff. B 100/25; E 25 i.e.*	65.27	.....	88.42	.....	.....	.....	.....
1979 elect. #25 E.I.	84.76	98.60	115.31	135.73	173.33	264.65	460.71
1979 diff. B 50/25; E 25 i.e.	84.92	98.84	115.77	136.15	173.57	264.56	459.20
1979 diff. B 75/25; E 25 i.e.	86.06	100.24	117.67	138.18	175.98	268.50	464.79
1979 diff. B 100/25; E 25 i.e.	87.25	101.69	119.65	140.29	178.49	272.59	470.60
1979 elect. #25 E.I.*	82.83	96.72	112.58	.....	.....	.....	.....
1979 diff. B 50/25; E 25 i.e.*	82.99	96.96	113.04	.....	.....	.....	.....
1979 diff. B 75/25; E 25 i.e.*	84.13	98.36	114.94	.....	.....	.....	.....
1979 diff. B 100/25; E 25 i.e.*	85.32	99.81	116.92	.....	.....	.....	.....
1981 elect. #25 E.I.	109.63	127.29	150.25	177.06	226.18	345.43	601.92
1981 diff. B 50/25; E 25 i.e.	109.80	127.57	150.82	177.57	226.42	345.16	599.71
1981 diff. B 75/25; E 25 i.e.	110.91	128.94	152.68	179.55	228.77	349.01	605.17
1981 diff. B 100/25; E 25 i.e.	112.82	131.27	155.86	182.94	232.80	355.58	614.50
1981 elect. #25 E.I.*	106.65	124.21	145.86	.....	.....	.....	.....
1981 diff. B 50/25; E 25 i.e.*	106.82	124.49	146.43	.....	.....	.....	.....
1981 diff. B 75/25; E 25 i.e.*	107.93	125.86	148.29	.....	.....	.....	.....
1981 diff. B 100/25; E 25 i.e.*	109.84	128.11	151.47	.....	.....	.....	.....
1983 elect. #25 E.I.	128.62	149.33	176.29	207.73	265.39	405.36	706.57
1983 diff. B 50/25; E 25 i.e.	128.19	148.91	175.93	207.24	264.33	402.82	700.61
1983 diff. B 75/25; E 25 i.e.	129.44	150.42	178.00	209.44	266.96	407.09	706.69
1983 diff. B 100/25; E 25 i.e.	130.88	152.18	180.40	212.00	270.00	412.05	713.73
1983 Elect. #25 E.I.*	125.12	145.71	171.15	.....	.....	.....	.....
1983 diff. B 50/25; E 25 i.e.*	124.69	145.29	170.79	.....	.....	.....	.....
1983 diff. B 75/25; E 25 i.e.*	125.94	146.80	172.86	.....	.....	.....	.....
1983 diff. B 100/25; E 25 i.e.*	127.38	148.56	175.26	.....	.....	.....	.....
1984 elect. #25 E.I.	137.63	159.78	188.62	222.28	283.96	433.73	756.02
1984 diff. B 50/25; E 25 i.e.	137.08	159.23	188.09	221.60	282.65	430.72	749.22
1984 diff. B 75/25; E 25 i.e.	138.63	160.74	190.16	223.80	285.28	434.99	755.30
1984 diff. B 100/25; E 25 i.e.	139.77	162.50	192.56	226.36	288.32	439.95	762.34
1984 elect. #25 E.I.*	133.88	153.85	183.12	.....	.....	.....	.....
1984 diff. B 50/25; E 25 i.e.*	133.33	155.35	182.59	.....	.....	.....	.....
1984 diff. B 75/25; E 25 i.e.*	134.58	156.86	184.66	.....	.....	.....	.....
1984 diff. B 100/25; E 25 i.e.*	136.02	158.62	187.06	.....	.....	.....	.....
1985 elect. #25 E.I.	144.23	167.45	197.68	232.95	297.60	454.55	792.31
1985 diff. B 50/25; E 25 i.e.	143.67	166.87	197.14	232.24	296.24	451.40	785.21
1985 diff. B 75/25; E 25 i.e.	144.96	168.46	199.30	234.54	298.97	455.87	791.55
1985 diff. B 100/25; E 25 i.e.	146.48	170.31	201.82	237.23	302.17	461.08	798.94
1985 elect. #25 E.I.*	140.30	163.39	191.92	.....	.....	.....	.....
1985 diff. B 50/25; E 25 i.e.*	139.74	162.81	191.38	.....	.....	.....	.....
1985 diff. B 75/25; E 25 i.e.*	141.03	164.40	193.54	.....	.....	.....	.....
1985 diff. B 100/25; E 25 i.e.*	142.55	166.25	196.06	.....	.....	.....	.....
1986 elect. #25 E.I.	147.84	171.64	202.62	238.77	305.04	465.91	812.12
1986 diff. B 50/25; E 25 i.e.	147.26	171.04	202.07	238.05	303.65	462.69	804.84
1986 diff. B 75/25; E 25 i.e.	148.58	172.67	204.28	240.40	306.44	467.27	811.34
1986 diff. B 100/25; E 25 i.e.	150.14	174.57	206.87	243.16	309.72	472.61	818.91
1986 elect. #25 E.I.*	143.81	167.47	196.72	.....	.....	.....	.....
1986 diff. B 50/25; E 25 i.e.*	143.23	166.88	196.16	.....	.....	.....	.....
1986 diff. B 75/25; E 25 i.e.*	144.56	168.51	198.38	.....	.....	.....	.....
1986 diff. B 100/25; E 25 i.e.*	146.11	170.41	200.96	.....	.....	.....	.....

DESCRIPTION - Body & Ends of cans designated "elect. #25 E.I." are manufactured from tin plate coated with .25 lb. of tin per base box of metal and enameled inside. (Whenever .25 lb. is designated inside enamel is added). The nominal tin coating weight for each surface (inside/outside) is .125 lb. and may be expressed 0.125/0.125. The inside and outside of differential cans are coated with different amounts of tin. For an explanation of Tin Coating Weights see page preceding "CAN PRICES" in this Almanac.

The 60 lb. 2 CR body, designated by the asterisk (*) has reference to the weight of the steel in the body (lighter than conventional). E.I. means Body and Ends Enameled inside; B means body; E means ends; i.e. means inside enamel.

Base box - A unit of area of tin plate covering 31.360 square inches.

METAL CAN SHIPMENTS BY PRODUCT

Source: Can Manufacturers Institute
Millions of Cans*

	1979	1980	1981	1982	1983	1984	1985	1986
FOOD								
Fruits & Juices	4,885	4,531	4,163	3,788	3,651	3,389	² 3,046	2,783
Vegetables & Juices	10,787	9,796	9,331	9,087	8,303	8,702	² 8,339	8,544
Dairy Products	943	826	854	889	927	974	1,246	1,203
Meat, Incl. Poultry	1,589	1,462	1,327	1,411	1,492	1,508	² 1,492	1,447
Seafood	1,089	1,170	² 1,477	² 1,341	1,527	1,607	1,881	1,914
Shortening	241	184	218	246	247	186	109	55
Baby Food	787	867	834	895	902	915	936	956
Other Food (a)	6,065	5,934	5,607	5,724	5,689	6,168	6,111	5,985
Total Foods	26,386	24,770	²23,811	²23,381	22,738	23,449	23,160	22,887
BEVERAGES								
Coffee	679	654	674	653	632	644	615	553
Soft Drinks	25,711	25,741	25,425	26,205	28,321	31,290	34,563	36,844
Beer	28,731	29,498	30,901	31,729	33,135	34,354	35,614	36,058
Total Beverages	55,121	55,893	57,000	58,587	62,088	66,288	70,792	73,455
PET FOOD	2,968	2,889	²3,663	3,593	3,571	4,020	4,069	4,488
NON-FOOD								
Aerosol	2,202	2,004	2,059	1,970	2,144	2,223	2,277	2,530
Motor Oil	546	452	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Paint & Varnish	873	803	813	795	817	840	830	816
Automotive Products .....	.....	.....	601	257	229	199	168	133
Other NON/Food	1,248	1,136	863	738	807	762	603	604
Total Non-Food	4,869	4,395	4,336	3,760	3,997	4,024	3,878	4,083
Total Shipments	89,344	87,947	²88,810	²89,321	92,394	97,781	²101,899	104,913
Total Steel	54,609	45,386	² 40,116	² 36,393	34,316	34,654	² 34,559	34,302
Total Aluminum	34,735	42,561	48,694	52,928	58,078	63,127	67,340	70,611
Total for Sale	62,854	60,768	² 59,433	² 59,375	61,907	66,405	69,810	75,509
Total for Own Use	26,490	27,179	² 29,377	29,946	30,487	31,376	² 32,089	29,404
Wgt of Aluminum cans (b) ..	2,274	2,549	2,782	2,810	3,168	3,562	3,561	3,730

*1975 in billions. (a) Including soup. (b) Millions of pounds. n.a. Not available. ²Revised.

GLASS CONTAINER SHIPMENTS BY TYPE OF CONTAINER*

Source: Bureau of Census, U.S. Department of Commerce
(Thousands of gross)

Type of Container	1978	1979 ³	1980 ³	1981 ³	1982 ³	1983 ³	1984	1985	1986
All Types Total	319,687	322,777	326,132	322,845	308,846	293,103	289,950	272,821	283,057
Direct exports*	2,247	2,935	2,233	2,165	1,333	1,416	1,678	941	815
Domestic	317,440	319,842	323,899	320,680	307,513	291,687	288,272	271,880	282,242
Narrow Neck, Tot.	247,754	248,924	257,447	253,060	240,559	228,762	221,055	208,561	220,262
Food	27,563	26,686	28,075	28,728	27,658	28,270	26,170	23,770	25,266
Medicinal/health	14,509	13,159	12,956	12,536	12,393	9,665	10,140	8,710	⁴ 12,027
Chem./Household/Indus.	2,600	2,493	2,071	1,718	1,456	976	1,379	942	⁴ 1,490
Toiletries/cosm.	10,106	9,592	9,245	8,489	7,906	6,506	6,566	5,302	⁴ 6,816
Bev., returnable	6,388	6,033	4,571	4,138	3,729	3,383	2,100	1,553	841
Bev., nonreturn	55,015	48,962	53,277	56,110	57,291	59,234	59,475	58,532	59,044
Beer, returnable	2,309	2,657	1,869	1,570	1,899	2,475	3,473	1,870	2,902
Beer, nonreturn	104,180	115,039	120,809	115,768	105,962	94,625	87,323	81,907	84,020
Liquor	16,568	15,793	15,790	15,365	13,857	14,712	14,015	11,939	10,965
Wine	8,516	8,510	8,784	8,638	8,408	8,916	10,414	14,036	16,891
Wide Mouth, Total.	69,686	70,918	66,452	67,620	68,287	64,341	68,895	64,260	n.a.
Food ²	65,062	66,517	61,212	62,404	63,372	60,108	64,302	59,935	62,795
Medicinal/health	2,093	1,924	3,084	3,274	3,097	2,995	3,150	2,715	(⁴)
Chem./Household/Indus.	1,241	1,296	1,191	1,122	1,159	812	988	1,015	(⁴)
Toiletries/cosm.	1,290	1,181	965	820	659	426	455	595	(⁴)
Dairy products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)

*Thru 1981, shipments by type represent Domestic Container Shipments only. Beginning 1982 "Direct exports" are included in breakdown of domestic shipments by type. (²) Data for dairy products is combined with Food. (³) Revised. (⁴) Data for wide mouth included with narrow neck.

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Section VII

RAW PRODUCT STATISTICS

Source: Crop Reporting Board, Statistical Reporting Service, U.S.D.A.

In order to stay within the fiscal funding level the U.S. Department of Agriculture's Statistical Reporting Service reduced the number of fresh market and processing vegetable crop estimates beginning with the 1982 crop year. Fresh market estimates for artichokes, asparagus, snap beans, brussels sprouts, cabbage, cantaloupes, cucumbers, eggplant, escarole/endive, garlic, green peppers, watermelons and spinach were discontinued. Estimates for asparagus were resumed with the 1984 crop year.

Processing vegetable crop estimates were discontinued for lima beans, beets, cabbage for kraut, cucumbers for pickles, spinach and asparagus. Estimates for asparagus and cucumbers were resumed with the 1984 crop year.

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SNAP BEANS—HARVESTED ACREAGE—1,000 ACRES (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	43.0	50.7	45.6	46.4	38.9	35.6	33.8	32.8	33.4	25.8
New Jersey	(a)	9.0	6.8	6.4	7.4	9.3	6.2	8.0	8.3	(a)
Pennsylvania	5.0	4.8	4.7	5.9	5.5	6.2	4.5	4.9	4.5	4.5
Delaware	8.8	10.4	4.9	6.1	(a)	(a)	(a)	(a)	(a)	(a)
Maryland	6.8	6.3	8.6	4.9	3.9	2.6	(a)	(a)	(a)	(a)
EAST†	63.6	81.2	70.6	69.7	55.7	53.7	44.5	45.7	46.2	30.3
Virginia	3.0	4.3	4.0	2.9	1.8	(a)	(a)	(a)	(a)	(a)
North Carolina ..	1.4	1.5	4.0	2.8	2.2	1.5	(a)	(a)	1.7	(a)
Florida	10.5	12.0	13.5	7.3	1.5	2.0	.6	2.5	1.2	(a)
SOUTHEAST† ..	14.9	17.8	21.5	13.0	5.5	3.5	.6	2.5	2.9	(a)
Illinois	7.2	9.2	9.5	6.6	(a)	(a)	(a)	(a)	(a)	(a)
Indiana	(a)	3.6	2.7	2.4	1.6	1.1	1.9	2.8	3.2	1.6
Michigan	16.8	16.4	17.3	13.7	14.3	14.2	14.8	17.5	18.7	17.6
Wisconsin	67.2	68.0	79.3	78.8	70.2	64.5	72.4	77.6	85.8	77.8
MID-WEST† ..	91.2	91.2	108.8	101.5	86.1	79.8	89.1	97.9	107.7	97.0
Arkansas	4.7	3.9	(a)	(a)	4.1	3.6	3.3	3.1	3.3	2.6
Tennessee	13.7	12.0	9.9	12.1	7.6	6.9	4.9	5.3	5.0	5.3
Oklahoma	2.2	.9	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
SO. CENTRAL† ..	20.6	16.8	9.9	12.1	11.7	10.5	8.2	8.4	8.3	7.9
Colorado	1.7	1.4	1.5	.8	1.0	.5	.0	.0	.0	.0
Washington	1.6	2.1	2.3	2.4	1.6	2.1	1.4	1.1	1.5	1.2
Oregon	32.5	35.6	38.4	31.1	27.4	25.7	22.4	23.9	23.2	22.3
California	6.0	7.4	7.3	4.5	(a)	(a)	(a)	(a)	(a)	(a)
WEST†	41.8	46.5	49.5	38.8	30.0	28.3	23.8	25.0	24.7	23.5
OTHER STS†	25.5	20.9	25.1	20.6	29.3	28.6	30.5	37.1	32.4	31.9
For Freezing	57.4	69.1	64.0	56.4	56.3	60.0	57.2	62.3	62.1	55.9
For Canning	200.2	211.3	221.5	199.3	162.0	144.5	139.5	154.3	160.1	134.6
PROCESSING ...	257.6	280.4	285.4	255.7	218.3	204.4	196.7	216.6	222.2	190.6
FRESH MKT	79.6	86.3	85.5	95.7	88.6	n.a.	n.a.	n.a.	n.a.	n.a.
TOT. U.S.	337.2	366.7	370.9	351.4	306.9	n.a.	n.a.	n.a.	n.a.	n.a.

n.a.—Not available.
STS."

(a) Included in "Other States".

† Area totals do not include quantities in "OTHER



FURTHER INFORMATION,
CALL 202/639-5900

SNAP BEANS — YIELD PER ACRE — TONS (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	2.2	2.1	2.3	2.4	2.5	2.8	2.6	2.5	2.7	2.3
New Jersey	n.a.	2.0	2.1	2.6	2.8	2.7	1.8	2.8	3.1	n.a.
Pennsylvania	2.1	2.3	2.1	1.6	2.3	2.2	1.8	2.9	3.4	2.0
Delaware	1.7	2.1	2.5	2.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Maryland	1.9	2.0	1.8	1.8	2.6	2.4	n.a.	n.a.	n.a.	n.a.
Virginia	1.8	1.5	2.0	1.5	2.3	n.a.	n.a.	n.a.	n.a.	n.a.
North Carolina ..	1.3	1.3	2.1	1.6	2.0	2.8	n.a.	n.a.	1.7	n.a.
Florida	2.0	2.0	2.4	1.9	2.0	1.5	1.5	1.5	1.5	n.a.
Illinois	2.8	2.6	3.0	3.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Indiana	n.a.	2.6	2.4	2.3	2.6	3.2	1.3	3.1	2.6	2.7
Michigan	2.5	2.1	2.1	2.8	2.5	2.6	2.8	2.8	2.6	2.4
Wisconsin	2.8	2.8	2.7	2.7	3.1	3.0	2.9	3.0	2.9	3.2
Arkansas	1.8	1.9	n.a.	n.a.	3.1	2.8	2.2	1.4	2.2	1.5
Tennessee	1.9	1.6	1.6	1.1	2.5	2.6	1.8	2.1	2.3	1.4
Oklahoma	1.6	1.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Texas	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Colorado	3.6	3.0	3.5	3.0	4.0	3.6	.0	.0	.0	.0
Washington	2.6	3.1	3.9	3.8	3.0	3.5	3.9	3.4	3.1	4.1
Oregon	4.3	4.3	4.5	5.2	5.3	5.2	5.5	5.4	5.4	6.2
California	2.6	2.2	1.9	2.7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
For Freezing	2.7	2.5	2.6	2.9	3.3	3.2	3.1	3.2	3.4	3.4
For Canning	2.6	2.6	2.7	2.7	3.0	3.1	2.9	3.0	3.1	3.1
US PROC AV	2.6	2.6	2.7	2.8	3.1	3.2	3.0	3.1	3.2	3.2

n.a. — not available.

SNAP BEANS — PRODUCTION — 1,000 TONS (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	96.1	107.9	106.3	113.2	96.1	100.4	88.2	82.7	91.2	60.4
New Jersey	(a)	17.8	14.4	16.9	20.5	24.7	11.3	22.5	26.0	(a)
Pennsylvania	10.4	11.0	9.9	9.2	12.4	13.4	7.9	14.1	15.4	9.0
Delaware	14.6	22.2	12.2	12.4	(a)	(a)	(a)	(a)	(a)	(a)
Maryland	12.9	12.6	15.7	8.6	10.1	6.3	(a)	(a)	(a)	(a)
EAST†	133.9	171.4	158.4	160.3	139.0	144.8	107.4	119.3	132.6	69.3
Virginia	5.5	6.6	7.8	4.4	4.2	(a)	(a)	(a)	(a)	(a)
North Carolina ..	1.9	2.0	8.3	4.5	4.4	4.1	(a)	(a)	2.8	(a)
Florida	21.0	24.0	32.9	14.1	3.0	3.0	.9	3.8	1.8	(a)
SOUTHEAST† ..	28.3	32.6	49.1	23.0	11.6	7.1	.9	3.8	4.6	(a)
Illinois	20.2	24.0	28.4	20.1	(a)	(a)	(a)	(a)	(a)	(a)
Indiana	(a)	9.4	6.5	5.5	4.2	3.5	2.4	8.6	8.2	4.3
Michigan	41.3	34.5	36.0	38.4	36.2	36.6	41.4	49.0	48.6	42.2
Wisconsin	185.5	188.4	212.5	211.2	214.1	190.3	210.7	235.1	248.8	247.4
MID-WEST† ..	246.9	256.2	283.4	275.1	254.5	230.5	254.5	292.8	305.6	293.9
Arkansas	8.5	7.4	(a)	(a)	12.6	10.0	7.3	4.4	7.2	3.9
Tennessee	26.1	19.3	15.9	12.7	19.3	17.9	8.9	11.3	11.3	7.6
Oklahoma	3.6	1.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	(a)	(a)	(a)	(a)	(.)	(a)	(a)	(a)	(a)	(a)
SO. CENTRAL† ..	38.2	28.0	15.9	12.7	31.9	27.9	16.3	15.7	18.4	11.5
Colorado	6.1	4.2	5.3	2.3	4.0	1.9	.0	.0	.0	.0
Washington	4.1	6.5	9.1	9.1	4.9	7.4	5.5	3.7	4.7	4.9
Oregon	140.2	152.1	172.4	160.5	144.4	133.4	123.7	128.3	124.8	138.7
California	15.7	16.1	13.9	12.1	(a)	(a)	(a)	(a)	(a)	(a)
WEST†	166.1	178.9	200.7	183.9	153.3	142.7	129.2	132.0	129.5	143.6
OTHER STS	62.2	49.6	61.5	49.1	81.9	90.8	79.2	102.6	111.8	91.1
For Freezing	156.6	173.6	167.4	160.6	184.5	193.8	178.5	201.6	213.3	189.3
For Canning	518.9	543.1	601.7	543.6	487.7	450.1	409.0	464.5	489.2	420.1
PROCESSING	675.5	716.6	769.1	704.2	672.2	643.9	587.4	666.1	702.5	609.4
FRESH MKT	148.2	146.1	146.4	152.2	146.3	n.a.	n.a.	n.a.	n.a.	n.a.
TOTAL U.S.	823.7	862.7	915.5	856.4	818.4	n.a.	n.a.	n.a.	n.a.	n.a.

†Area totals do not include quantities in "OTHER STATES".

(a) Included in "OTHER STATES".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING — Cont.

SNAP BEANS — VALUE PER TON — DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	149.00	150.00	161.00	169.00	185.00	178.00	178.00	181.00	184.00	170.00
New Jersey	n.a.	149.00	172.00	191.00	205.00	202.00	200.00	202.00	206.00	n.a.
Pennsylvania	162.00	157.00	167.00	175.00	191.00	201.00	198.00	200.00	207.00	186.00
Delaware	168.00	164.00	169.00	159.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Maryland	171.00	174.00	169.00	169.00	191.00	217.00	n.a.	n.a.	n.a.	n.a.
Virginia	179.00	158.00	167.00	179.00	183.00	n.a.	n.a.	n.a.	n.a.	n.a.
North Carolina ..	154.00	153.00	161.00	179.00	187.00	190.00	n.a.	n.a.	234.00	n.a.
Florida	184.00	165.00	148.00	198.00	230.00	200.00	200.00	300.00	300.00	n.a.
Illinois	142.00	146.00	139.00	152.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Indiana	n.a.	162.00	182.00	144.00	140.00	129.00	177.00	190.00	175.00	169.00
Michigan	125.00	148.00	162.00	156.00	160.00	145.00	144.00	136.00	158.00	143.00
Wisconsin	128.00	132.00	137.00	134.00	146.00	137.00	140.00	152.00	152.00	143.00
Arkansas	120.00	103.00	n.a.	n.a.	164.00	165.00	186.00	176.00	174.00	184.00
Tennessee	166.00	175.00	183.00	211.00	211.00	204.00	200.00	204.00	203.00	199.00
Oklahoma	95.60	94.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Texas	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Colorado	126.00	128.00	126.00	142.00	152.00	142.00	0.00	0.00	0.00	0.00
Washington	136.00	141.00	159.00	163.00	171.00	166.00	147.00	223.00	167.00	202.00
Oregon	152.00	142.00	153.00	155.00	158.00	169.00	159.00	176.00	174.00	174.00
California	186.00	212.00	206.00	237.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
For Freezing	154.00	152.00	163.00	169.00	176.00	184.00	178.00	194.00	190.00	182.00
For Canning	143.00	144.00	150.00	152.00	162.00	153.00	153.00	161.00	160.00	150.00
US PROC AV	145.00	146.00	153.00	156.00	166.00	166.00	160.00	171.00	169.00	160.00

n.a. — not available.

SNAP BEANS — TOTAL VALUE — 1,000 DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	14,320	16,178	17,106	19,134	17,775	17,869	15,703	14,961	16,777	10,263
New Jersey	(a)	2,652	2,480	3,228	4,203	4,997	2,256	4,541	5,352	n.a.
Pennsylvania	1,681	1,722	1,657	1,601	2,365	2,691	1,568	2,822	3,196	1,667
Delaware	2,444	3,633	2,062	1,972	(a)	(a)	(a)	(a)	(a)	(a)
Maryland	2,206	2,192	2,645	1,457	1,921	1,371	(a)	(a)	(a)	(a)
EAST†	20,651	26,377	25,950	27,392	26,264	26,928	19,527	22,324	25,325	11,930
Virginia	975	1,043	1,303	789	770	(a)	(a)	(a)	(a)	(a)
North Carolina ..	285	306	1,340	809	823	785	(a)	(a)	658	(a)
Florida	3,864	3,960	4,875	2,790	690	600	180	1,125	540	(a)
SOUTHEAST† ..	5,124	5,309	7,518	4,388	2,283	1,385	180	1,125	1,198	(a)
Illinois	2,861	3,504	3,949	3,049	(a)	(a)	(a)	(a)	(a)	(a)
Indiana	(a)	1,515	1,188	798	589	455	421	1,638	1,428	725
Michigan	5,163	5,099	5,829	5,984	5,789	5,313	5,967	6,664	7,682	6,040
Wisconsin	23,738	24,862	29,115	28,298	31,260	26,068	29,495	35,740	37,821	35,378
MID-WEST†	31,762	34,980	40,081	38,129	37,638	31,836	35,883	44,042	46,931	42,143
Arkansas	1,014	757	(a)	(a)	2,071	1,657	1,363	769	1,251	718
Tennessee	4,340	3,378	2,917	2,682	4,072	3,645	1,784	2,313	2,284	1,508
Oklahoma	344	122	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
S. CENTRAL† ...	5,698	4,257	2,917	2,682	6,143	5,302	3,147	3,082	3,535	2,226
Colorado	762	538	668	331	608	273	0	0	0	0
Washington	558	917	1,441	1,478	829	1,227	811	823	777	990
Oregon	21,310	21,570	26,380	24,874	22,815	22,541	19,660	22,588	21,719	24,136
California	2,925	3,398	2,872	2,858	(a)	(a)	(a)	(a)	(a)	(a)
WEST†	25,555	26,423	31,361	29,541	24,252	24,041	20,471	23,411	22,496	25,126
OTHER STS	9,380	7,284	10,042	7,902	14,814	17,118	15,044	19,522	19,314	15,837
For Freezing	24,054	26,299	27,360	27,214	32,559	35,700	31,699	39,164	40,421	34,359
For Canning	74,116	78,331	90,509	82,820	78,835	70,910	62,553	74,771	78,378	62,903
T. US PROC	98,170	104,630	117,869	110,034	111,394	106,610	94,252	113,935	118,799	97,262

†Area totals do not include values in "OTHER STATES". (a) Included in "OTHER STATES".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

SWEET CORN—HARVESTED ACREAGE—1,000 ACRES

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York.....	17.0	20.3	20.5	17.0	21.1	24.6	25.5	28.3	29.7	27.1
Pennsylvania.....	5.0	4.4	3.9	4.0	4.1	4.5	3.7	3.6	4.1	3.5
Delaware.....	(a)	2.3	3.1	2.4	3.0	3.9	4.0	5.0	4.6	4.9
Maryland.....	12.9	11.5	10.3	8.6	8.1	8.6	8.9	8.3	9.0	7.6
EAST†.....	34.9	38.5	37.8	32.0	36.3	41.6	42.1	45.2	47.4	43.1
Illinois.....	45.9	48.4	44.0	37.8	38.3	38.4	34.5	36.5	36.2	31.7
Wisconsin.....	130.7	110.8	121.4	106.1	113.4	122.2	117.9	129.0	131.4	122.2
Minnesota.....	120.0	111.5	98.3	101.2	105.2	119.3	108.4	115.0	118.3	123.5
Iowa.....	9.2	6.7	5.0	3.1	3.9	(a)	(a)	(a)	(a)	(a)
MIDWEST†.....	305.8	277.4	268.7	248.2	260.8	279.9	260.8	280.5	285.9	277.4
Idaho.....	24.5	23.8	23.8	17.8	19.3	21.5	14.1	17.4	17.3	16.5
Washington.....	36.8	40.7	40.5	36.7	41.8	51.7	38.3	32.9	38.9	34.9
Oregon.....	40.9	40.2	37.8	33.7	39.9	45.5	38.8	42.0	38.6	34.9
WEST†.....	102.2	104.7	102.1	88.2	101.0	118.7	91.2	92.3	94.8	86.3
OTHER STS.....	11.1	9.0	9.0	7.0	2.9	6.7	5.7	9.2	7.2	6.2
For Freezing...	132.6	131.4	119.7	112.5	126.9	156.6	133.4	143.4	162.3	158.3
For Canning...	321.4	298.2	297.9	262.9	274.1	290.3	266.4	283.9	273.0	254.7
PROCESSING...	454.0	429.6	417.6	375.4	401.0	446.9	399.8	427.2	435.3	413.0
FRESH MKT...	176.8	181.1	179.8	180.5	183.7	186.1	190.8	193.0	190.6	183.1
TOT. U.S.....	630.8	610.7	597.4	555.9	584.7	633.0	590.6	620.2	625.9	596.1

† Area totals do not include quantities in "OTHER STATES". (a) Included in "OTHER STATES".
n.a. Not available.

SWEET CORN—YIELD PER ACRE—TONS IN HUSK

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York.....	5.68	4.90	5.33	5.05	4.66	5.27	5.21	5.58	4.09	5.12
Pennsylvania.....	3.34	3.84	2.91	3.54	3.21	3.61	2.48	4.66	3.97	3.29
Delaware.....	(a)	4.56	5.17	4.90	3.14	5.28	4.58	5.71	5.73	4.77
Maryland.....	3.53	4.34	4.61	4.20	4.17	4.61	3.59	5.86	6.04	5.46
Illinois.....	4.91	5.10	5.72	4.26	5.51	4.88	4.19	5.32	5.71	4.79
Wisconsin.....	4.56	4.55	4.73	4.84	5.24	4.60	4.82	4.95	5.09	5.37
Minnesota.....	5.40	5.75	5.72	5.42	5.45	5.73	4.60	5.82	5.77	5.95
Iowa.....	5.04	5.37	5.40	5.83	5.67	(a)	(a)	(a)	(a)	(a)
Idaho.....	5.77	6.63	7.95	8.19	7.75	8.71	8.32	8.17	8.53	9.01
Washington.....	6.05	7.71	7.77	8.31	7.96	9.08	9.12	7.47	8.40	7.64
Oregon.....	7.38	7.96	8.53	8.68	8.11	9.01	8.55	8.70	9.19	9.24
Other States....	3.26	4.23	4.24	3.67	5.82	5.16	4.37	4.88	4.77	5.63
For Freezing..	6.00	6.55	6.95	6.84	6.56	7.20	6.75	6.76	6.84	6.66
For Canning...	4.92	5.28	5.48	5.28	5.64	5.56	4.98	5.58	5.60	5.79
U.S. PROC. AV..	5.23	5.67	5.90	5.75	5.93	6.13	5.57	5.97	6.06	6.13

(a) Included in "Other States".

SWEET CORN—PRODUCTION—1,000 TONS IN HUSK

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	96.5	99.5	109.3	85.9	98.3	129.6	132.9	157.9	121.5	138.8
Pennsylvania	16.7	16.9	11.4	14.2	13.2	16.3	9.2	16.8	16.3	11.5
Delaware	(a)	10.5	16.0	11.8	9.4	20.6	18.3	28.6	26.4	23.4
Maryland	45.6	49.9	47.5	36.2	33.8	39.7	32.0	48.6	54.4	41.5
EAST†	158.8	176.8	184.1	147.9	154.7	206.1	192.4	251.9	218.5	215.1
Illinois	225.4	246.9	251.7	161.0	211.0	187.4	144.6	194.2	206.7	151.8
Wisconsin	596.0	504.2	574.2	513.5	594.2	562.1	568.3	638.6	668.8	656.2
Minnesota	648.0	641.1	562.3	548.5	573.3	683.6	498.6	669.3	682.6	734.8
Iowa	46.4	36.0	27.0	18.1	22.1	(a)	(a)	(a)	(a)	(a)
MID-WEST†	1,515.8	1,428.1	1,415.2	1,241.1	1,400.7	1,433.1	1,211.5	1,502.0	1,558.1	1,542.9
Idaho	141.3	157.9	189.2	145.8	149.6	187.3	117.3	142.2	147.6	148.7
Washington	222.7	313.8	314.7	305.0	332.7	469.4	349.3	245.8	326.8	266.6
Oregon	301.7	320.0	322.4	292.5	323.6	410.0	331.7	365.4	354.7	322.5
WEST†	665.7	791.7	826.3	743.3	805.9	1,066.7	798.4	753.3	829.1	737.8
OTHER STS†	36.1	38.1	38.3	25.7	16.9	34.6	24.9	44.9	34.4	34.8
For Freezing ..	796.0	860.2	832.4	769.4	832.0	1,126.9	900.7	969.7	1,110.7	1,055.0
For Canning ...	1,580.3	1,574.6	1,631.5	1,388.6	1,546.2	1,613.5	1,326.3	1,582.5	1,529.3	1,475.7
PROCESSING ...	2,376.2	2,434.7	2,463.9	2,158.0	2,378.2	2,740.5	2,227.1	2,552.2	2,640.0	2,530.6
FRESH MKT ...	717.2	703.1	701.7	714.1	714.4	721.8	743.4	779.5	786.1	740.2
TOT. U.S.	3,093.4	3,137.8	3,165.6	2,872.1	3,092.6	3,462.2	2,970.5	3,331.6	3,426.1	3,270.8

SWEET CORN—VALUE PER TON—DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	45.70	45.00	47.00	48.90	62.10	64.80	66.10	62.40	63.70	60.00
Pennsylvania	49.40	42.80	43.30	49.10	66.10	58.00	52.20	64.40	52.10	50.30
Delaware	(a)	75.50	67.30	85.40	79.50	58.00	65.20	79.80	71.20	47.90
Maryland	57.90	61.30	57.00	67.60	76.50	57.20	65.90	80.00	65.80	48.20
Illinois	52.80	51.00	51.90	63.50	76.60	68.10	66.30	69.90	67.10	58.60
Wisconsin	42.30	41.40	40.50	44.70	60.10	50.50	56.40	57.30	60.30	57.70
Minnesota	46.00	45.40	46.70	50.00	57.30	56.30	52.90	61.40	59.50	53.80
Iowa	45.80	45.90	48.50	50.60	47.80	(a)	(a)	(a)	(a)	(a)
Idaho	48.70	55.50	52.90	54.70	64.50	64.00	61.70	62.10	62.50	58.20
Washington	56.80	59.10	66.50	60.30	64.60	70.60	60.70	68.00	68.70	67.20
Oregon	64.40	58.60	62.70	62.30	67.00	70.50	68.50	71.10	69.70	66.60
Other States	55.70	55.70	51.90	53.60	66.90	49.10	60.00	58.90	59.60	60.40
For Freezing ..	56.80	55.40	59.50	57.10	62.90	67.40	62.10	66.60	66.70	62.30
For Canning ...	46.00	46.80	47.10	51.80	63.20	57.10	58.30	61.90	61.00	56.10
US PROC AV	49.60	49.90	51.30	53.70	63.10	61.40	59.80	63.70	63.40	58.70

†Area totals do not include quantities in "OTHER STATES".

(a) Included in "OTHER STATES".

SWEET CORN—TOTAL VALUE—1,000 DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	4,408	4,478	5,135	4,198	6,106	8,401	8,782	9,854	7,738	8,325
Pennsylvania	825	723	491	695	870	943	479	1,081	848	579
Delaware	(a)	793	1,079	1,005	749	1,194	1,194	2,278	1,877	1,119
Maryland	2,637	3,059	2,706	2,414	2,584	2,268	2,106	3,891	3,577	2,000
EAST†	7,870	9,053	9,411	8,342	10,309	12,806	12,561	17,104	14,040	12,023
Illinois	11,898	12,589	13,062	10,225	16,165	12,761	9,584	13,573	13,870	8,898
Wisconsin	25,211	20,872	23,256	22,954	35,713	28,387	32,051	36,589	40,330	37,863
Minnesota	29,808	29,106	26,258	27,425	32,852	38,486	26,378	41,095	40,614	39,534
Iowa	2,125	1,652	1,310	914	1,057	(a)	(a)	(a)	(a)	(a)
MID-WEST†	69,042	64,219	63,886	61,518	85,787	79,634	68,013	91,257	94,814	86,295
Idaho	6,882	8,763	10,009	7,974	9,648	11,985	7,238	8,828	9,223	8,653
Washington	12,647	18,546	20,927	18,390	21,494	33,142	21,203	16,712	22,448	17,918
Oregon	19,429	18,740	20,216	18,224	21,681	28,902	22,724	25,980	24,725	21,477
WEST†	38,958	46,049	51,152	44,588	52,823	74,029	51,165	51,520	56,396	48,048
OTHER STS†	2,009	2,124	1,990	1,378	1,129	1,696	1,494	2,649	2,047	2,104
For Freezing ..	45,225	47,692	49,518	43,941	52,355	75,961	55,939	64,552	74,028	65,683
For Canning ...	72,654	73,753	76,921	71,885	97,693	92,204	77,294	97,978	93,269	82,787
T. US PROC	117,879	121,445	126,439	115,826	150,048	168,165	133,233	162,530	167,297	148,470

†Area totals do not include values in "OTHER STATES".

(a) Included in "OTHER STATES".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

CUCUMBERS FOR PICKLES—HARVESTED ACREAGE—1,000 ACRES

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Indiana	1.4	1.0	.9	.9	.7	n.a.	n.a.	.8	1.1	1.2
Michigan	24.5	26.5	25.5	18.9	15.5	n.a.	n.a.	21.3	24.0	24.0
New Jersey	1.4	1.6	1.4	1.4	1.1	n.a.	n.a.	1.1	.7	.8
Ohio	6.4	6.4	6.4	6.1	5.2	n.a.	n.a.	4.8	4.8	4.5
Wisconsin	9.4	11.1	10.3	9.5	7.1	n.a.	n.a.	7.8	6.7	7.2
NORTHERN† ...	43.1	46.6	44.5	36.8	29.6	n.a.	n.a.	35.8	37.3	37.7
Alabama	3.8	5.6	(a)	(a)	(a)	n.a.	n.a.	(a)	(a)	(a)
Florida	5.7	6.2	6.3	7.2	5.0	n.a.	n.a.	4.7	4.8	4.4
Delaware	1.4	1.2	1.8	1.6	1.7	n.a.	n.a.	1.5	1.5	.....
Maryland	2.8	2.9	2.9	3.0	2.5	n.a.	n.a.	3.5	3.9	3.2
Mississippi	3.6	(a)	(a)	(a)	(a)	n.a.	n.a.	(a)	(a)	(a)
N. Carolina	28.0	29.5	28.5	25.8	25.5	n.a.	n.a.	26.1	29.1	25.3
S. Carolina	8.7	9.7	10.9	8.2	10.4	n.a.	n.a.	9.3	13.6	13.3
Texas	5.4	7.0	8.3	9.4	4.8	n.a.	n.a.	6.8	6.1	8.2
Virginia	2.8	3.6	2.3	3.2	1.8	n.a.	n.a.	(a)	(a)	.....
SOUTHERN† ...	62.2	65.7	61.0	58.4	51.7	n.a.	n.a.	51.9	59.0	54.4
California	4.3	3.9	4.4	3.6	3.4	n.a.	n.a.	3.3	4.1	4.0
Colorado	1.6	2.2	2.2	2.6	1.8	n.a.	n.a.	2.2	2.6	1.5
Oregon	1.3	1.5	1.5	1.6	1.4	n.a.	n.a.	2.0	2.1	1.9
Washington	1.8	1.8	1.3	1.4	1.5	n.a.	n.a.	1.5	1.7	1.7
WESTERN†	9.0	9.4	9.4	9.2	8.1	n.a.	n.a.	9.0	10.5	9.1
OTHER STATES	9.5	13.1	16.7	12.0	8.2	n.a.	n.a.	6.9	8.4	9.1
PROCESSING ...	123.8	134.7	131.7	116.4	97.5	n.a.	n.a.	103.6	115.2	110.3
FRESH MKT....	51.9	53.5	50.7	54.2	51.4	n.a.	n.a.	n.a.	n.a.	n.a.
TOTAL U.S.	175.7	188.3	182.4	170.6	148.9	n.a.	n.a.	n.a.	n.a.	n.a.

(a) Included in "OTHER STATES".
Not available.

† Area totals do not include quantities in "OTHER STATES". n.a.-

CUCUMBERS FOR PICKLES—YIELD PER ACRE—TONS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Indiana	6.96	9.68	7.03	7.29	10.26	n.a.	n.a.	11.29	11.71	9.88
Michigan	4.65	4.75	4.62	5.56	6.50	n.a.	n.a.	5.50	5.60	5.80
New Jersey	9.43	9.19	6.86	8.00	9.51	n.a.	n.a.	9.45	11.01	8.47
Ohio	11.12	10.58	12.53	10.25	12.24	n.a.	n.a.	11.73	12.60	12.36
Wisconsin	6.23	5.50	6.21	5.65	6.74	n.a.	n.a.	7.87	9.25	7.50
Alabama	1.75	1.33	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Florida	4.25	4.26	4.50	4.00	4.00	n.a.	n.a.	4.50	5.00	5.50
Delaware	4.61	7.58	4.27	4.50	4.41	n.a.	n.a.	4.77	4.35	.....
Maryland	6.95	6.81	9.32	8.75	11.37	n.a.	n.a.	7.51	7.27	6.56
Mississippi	1.7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
N. Carolina	2.60	2.62	2.81	3.43	3.20	n.a.	n.a.	3.30	3.41	3.20
S. Carolina	2.87	3.06	2.46	2.75	2.65	n.a.	n.a.	3.80	3.57	3.44
Texas	7.15	7.94	4.42	4.36	4.96	n.a.	n.a.	6.00	6.15	5.20
Virginia	3.07	5.61	4.89	3.25	3.37	n.a.	n.a.	n.a.	n.a.	.....
California	14.37	15.80	15.64	14.60	18.59	n.a.	n.a.	17.10	17.92	16.17
Colorado	10.78	7.95	8.34	8.85	9.00	n.a.	n.a.	8.58	7.33	9.70
Oregon	10.12	11.77	11.55	11.77	15.40	n.a.	n.a.	12.50	12.15	11.90
Washington	10.08	10.03	10.62	9.84	10.15	n.a.	n.a.	11.18	9.88	9.00
U.S. PROC. AV ..	5.04	5.09	5.08	5.23	5.90	n.a.	n.a.	5.97	6.03	5.78

n.a.—Not available.

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

CUCUMBERS FOR PICKLES—PRODUCTION—1,000 TONS (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Indiana	9.8	9.2	6.6	6.9	6.8	n.a.	n.a.	8.8	12.9	11.9
Michigan	114.0	126.0	117.8	105.1	100.8	n.a.	n.a.	117.2	134.4	139.2
New Jersey	13.2	14.7	9.6	11.2	10.5	n.a.	n.a.	10.4	7.3	6.5
Ohio	71.2	67.7	80.2	62.5	63.7	n.a.	n.a.	56.3	60.5	55.6
Wisconsin	58.6	61.1	64.0	53.7	47.9	n.a.	n.a.	61.4	62.0	54.0
NORTHERN	266.8	278.7	278.2	239.3	229.5	n.a.	n.a.	254.1	277.0	267.2
Alabama	6.7	7.5	(a)	(a)	(a)	n.a.	n.a.	(a)	(a)	(a)
Florida	24.3	26.4	28.4	23.8	20.0	n.a.	n.a.	21.2	24.0	24.2
Delaware	6.5	9.1	7.7	7.2	7.5	n.a.	n.a.	7.2	6.5	.....
Maryland	19.5	19.8	27.0	26.3	28.4	n.a.	n.a.	26.3	28.4	21.0
Mississippi	6.1	(a)	(a)	(a)	(a)	n.a.	n.a.	(a)	(a)	(a)
N. Carolina	72.9	77.3	80.1	88.5	81.6	n.a.	n.a.	86.1	99.2	81.0
S. Carolina	25.0	29.7	26.8	22.6	27.6	n.a.	n.a.	35.3	48.6	45.8
Texas	38.6	55.6	36.7	41.0	23.8	n.a.	n.a.	40.8	37.5	42.6
Virginia	8.6	20.2	11.3	10.4	6.1	n.a.	n.a.	(a)	(a)	.....
SOUTHERN	208.0	245.5	217.9	224.7	195.0	n.a.	n.a.	216.9	244.2	214.5
California	61.8	61.6	68.8	52.6	63.2	n.a.	n.a.	56.4	73.5	64.7
Colorado	17.3	17.5	18.4	23.0	16.2	n.a.	n.a.	18.9	19.1	14.6
Oregon	13.2	17.7	17.3	18.8	21.6	n.a.	n.a.	25.0	25.5	22.6
Washington	18.2	18.1	13.8	13.8	15.2	n.a.	n.a.	16.8	16.8	15.3
WESTERN	110.4	114.8	118.3	108.2	116.2	n.a.	n.a.	117.1	134.9	117.1
OTHER STATES	38.9	46.5	54.6	37.0	34.7	n.a.	n.a.	30.2	38.4	38.6
PROCESSING ...	623.9	685.5	669.0	609.2	575.4	n.a.	n.a.	618.2	694.4	637.4
FRESH MKT	282.4	296.6	296.1	307.2	301.9	n.a.	n.a.	n.a.	n.a.	n.a.
TOT. U.S.	906.3	982.1	965.1	916.3	877.2	n.a.	n.a.	n.a.	n.a.	n.a.

(a) Included in "OTHER STATES". n.a. - Not available.

CUCUMBERS FOR PICKLES—VALUE PER TON—DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Indiana	108.00	142.00	126.00	119.00	121.00	n.a.	n.a.	130.00	131.00	119.00
Michigan	109.00	120.00	132.00	125.00	135.00	n.a.	n.a.	147.00	158.00	146.00
New Jersey	132.00	157.00	154.00	167.00	165.00	n.a.	n.a.	206.00	204.00	193.00
Ohio	132.00	132.00	150.00	168.00	189.00	n.a.	n.a.	185.00	197.00	191.00
Wisconsin	127.00	106.00	146.00	170.00	142.00	n.a.	n.a.	105.00	125.00	160.00
Alabama	163.00	114.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Florida	174.00	183.00	197.00	364.00	294.00	n.a.	n.a.	301.00	275.00	278.00
Delaware	102.00	107.00	128.00	147.00	156.00	n.a.	n.a.	137.00	144.00	n.a.
Maryland	112.00	117.00	113.00	138.00	162.00	n.a.	n.a.	147.00	143.00	193.00
Mississippi	143.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
N. Carolina	132.00	128.00	156.00	174.00	195.00	n.a.	n.a.	171.00	198.00	195.00
S. Carolina	141.00	156.00	158.00	176.00	182.00	n.a.	n.a.	196.00	191.00	189.00
Texas	139.00	130.00	173.00	186.00	248.00	n.a.	n.a.	156.00	228.00	200.00
Virginia	119.00	123.00	120.00	125.00	143.00	n.a.	n.a.	n.a.	n.a.	.....
California	120.00	137.00	147.00	165.00	199.00	n.a.	n.a.	232.00	189.00	200.00
Colorado	108.00	131.00	105.00	149.00	130.00	n.a.	n.a.	131.00	133.00	139.00
Oregon	126.00	136.00	137.00	144.00	157.00	n.a.	n.a.	155.00	170.00	156.00
Washington	126.00	133.00	135.00	145.00	159.00	n.a.	n.a.	162.00	185.00	160.00
U.S. PROC. AV ..	126.00	130.00	145.00	166.00	175.00	n.a.	n.a.	168.00	178.00	177.00

n.a.—Not available.

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.
CUCUMBERS FOR PICKLES—TOTAL VALUE—1,000 DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Indiana	1,053	1,306	833	815	819	n.a.	n.a.	1,145	1,687	1,411
Michigan	12,426	15,120	15,551	13,135	13,601	n.a.	n.a.	17,221	21,235	20,323
New Jersey	1,742	2,308	1,478	1,870	1,726	n.a.	n.a.	2,142	1,483	1,258
Ohio	9,398	8,936	12,030	10,505	12,030	n.a.	n.a.	10,416	11,915	10,623
Wisconsin	7,436	6,471	9,340	9,126	6,795	n.a.	n.a.	6,446	7,748	8,640
NORTHERN† ...	32,055	34,141	39,232	35,451	34,971	n.a.	n.a.	37,370	44,068	42,255
Alabama	1,084	849	(a)	(a)	(a)	n.a.	n.a.	(a)	(a)	(a)
Florida	4,210	4,831	5,585	10,483	5,880	n.a.	n.a.	6,366	6,600	6,728
Delaware	658	974	984	1,058	1,170	n.a.	n.a.	981	940	(a)
Maryland	2,178	2,311	3,054	3,623	4,606	n.a.	n.a.	3,865	4,054	4,051
Mississippi	872	(a)	(a)	(a)	(a)	n.a.	n.a.	(a)	(a)	(a)
N. Carolina	9,623	9,894	12,494	15,397	15,912	n.a.	n.a.	14,728	19,648	15,787
S. Carolina	3,510	4,615	4,236	3,969	5,016	n.a.	n.a.	6,927	9,273	8,647
Texas	5,382	7,228	6,347	7,622	5,905	n.a.	n.a.	6,365	8,555	8,528
Virginia	1,023	2,485	1,350	1,300	868	n.a.	n.a.	(a)	(a)	.....
SOUTHERN† ...	28,540	33,187	34,050	43,452	39,357	n.a.	n.a.	39,232	49,070	43,741
California	7,425	8,439	10,117	8,672	12,579	n.a.	n.a.	13,092	13,886	12,936
Colorado	1,863	2,293	1,927	3,428	2,106	n.a.	n.a.	2,473	2,535	2,022
Oregon	1,657	2,400	2,374	2,712	3,385	n.a.	n.a.	3,875	4,338	3,527
Washington	2,287	2,401	1,863	1,998	2,422	n.a.	n.a.	2,717	3,108	2,448
WESTERN†	13,232	15,533	16,281	16,810	20,492	n.a.	n.a.	22,157	23,867	20,933
OTHER STATES	4,824	5,953	7,623	5,551	5,809	n.a.	n.a.	5,064	6,634	5,993
PROCESSING ...	78,651	88,814	97,186	101,264	100,629	n.a.	n.a.	103,823	123,639	112,922

(a)—Included in "OTHER STATES" †Area totals do not include quantities in "OTHER STATES".

PEAS, GREEN—HARVESTED ACREAGE—1,000 ACRES (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Delaware	8.7	8.5	10.0	5.8	7.8	7.9	9.4	11.5	12.4	9.6
Maryland	5.4	6.0	7.6	4.0	4.2	3.1	2.9	2.5	1.9	(a)
New York	5.2	5.7	6.2	6.0	7.8	8.8	9.2	9.2	12.0	8.7
EAST†	19.3	20.2	23.8	15.8	19.8	19.8	21.5	23.2	26.3	18.3
Michigan	4.9	4.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Minnesota	65.6	67.9	73.0	66.3	56.8	60.8	64.2	74.2	81.5	72.7
Wisconsin	107.5	97.0	109.6	101.1	84.2	79.1	81.0	86.2	98.1	70.9
MID-WEST†	178.0	169.2	182.6	167.4	141.0	139.9	145.2	160.4	179.6	143.6
California	7.1	9.2	10.3	5.9	(a)	(a)	(a)	(a)	(a)	(a)
Colorado	.4	.3	.4	.....	.....	.....	.....	.....	.....	.....
Idaho	7.5	8.0	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Oregon	27.7	36.9	42.0	32.6	32.3	33.7	34.4	33.6	35.4	29.2
Washington	69.0	75.0	81.1	57.8	59.6	67.7	65.6	64.4	61.5	47.6
WEST†	111.7	129.4	133.8	96.3	91.9	101.4	100.0	98.0	96.9	76.8
OTHER STATES	41.5	36.7	52.1	42.2	40.4	42.7	42.1	48.9	50.8	33.7
For Freezing ..	129.6	138.6	155.4	118.2	119.1	152.6	150.5	158.9	171.2	128.2
For Canning ...	220.9	216.9	236.9	203.5	174.0	151.3	158.3	171.6	182.4	144.2
T. U.S. PROC	350.5	355.5	392.3	321.7	293.1	303.8	308.8	330.5	353.6	272.4

(a) Included in "OTHER STATES". † Area totals do not include quantities in "OTHER STATES".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Continued

PEAS, GREEN—YIELD PER ACRE—POUNDS SHELLED

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Delaware	2,740	2,500	2,640	3,060	3,200	3,460	2,940	2,800	3,580	3,220
Maryland	2,840	2,960	3,400	3,100	3,560	3,440	2,340	3,260	4,240	n.a.
New York	2,760	2,840	3,360	3,360	3,700	3,400	3,000	3,280	4,680	3,700
Michigan	2,740	2,460	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Minnesota	3,060	2,440	3,060	2,360	3,080	3,200	2,500	2,760	3,160	2,600
Wisconsin	2,720	2,240	3,240	3,040	2,980	3,740	2,720	2,960	3,280	3,220
California	3,260	2,180	3,920	3,320	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Colorado	2,620	2,900	2,640	.....	.....	.....	.....	.....	.....	.....
Idaho	1,540	3,960	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Oregon	1,660	2,460	2,140	3,320	2,740	2,180	2,340	2,960	2,440	2,340
Washington	3,080	3,160	3,440	3,300	2,960	3,200	2,980	3,400	3,200	3,420
For Freezing ..	2,960	2,980	3,160	3,100	3,100	3,020	2,720	3,100	3,300	3,100
For Canning...	2,700	2,340	3,120	2,960	3,120	3,520	2,800	2,900	3,240	3,000
U.S. PROC. AV. .	2,800	2,600	3,120	3,020	3,100	3,260	2,760	3,000	3,260	3,040

n.a.—Not available.

PEAS, GREEN—PRODUCTION—1,000 TONS SHELLED

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Delaware	12.0	10.7	13.2	8.9	12.5	13.7	13.8	16.1	22.2	15.5
Maryland	7.7	8.9	12.9	6.2	7.5	5.3	3.4	4.1	4.0	(a)
New York	7.2	8.1	10.4	10.1	14.4	15.0	13.8	15.1	28.1	16.1
EAST†	26.9	27.6	36.5	25.2	34.4	34.0	31.0	35.3	54.3	31.6
Michigan	6.7	5.3	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Minnesota	100.4	82.9	111.7	78.2	87.5	97.3	80.3	102.4	128.8	94.5
Wisconsin	146.2	108.7	177.6	153.7	125.5	147.9	110.2	127.6	160.9	114.2
MID-WEST†	253.3	196.8	289.2	231.9	212.9	245.2	190.4	230.0	289.7	208.7
California	11.6	10.1	20.2	9.8	(a)	(a)	(a)	(a)	(a)	(a)
Colorado	.6	.5	.5	.....	.....	.....	.....	.....	.....	.....
Idaho	5.8	15.8	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Oregon	23.0	45.4	44.9	54.1	44.3	36.7	40.3	49.7	43.2	34.2
Washington	106.3	118.5	139.5	95.4	88.2	108.3	97.7	109.5	98.4	81.4
WEST†	147.2	190.2	205.1	159.3	132.5	145.1	138.0	159.2	141.6	115.6
OTHER STATES	61.7	46.5	82.5	67.9	75.3	72.1	66.3	70.9	92.3	59.1
For Freezing ..	191.7	206.7	244.8	182.9	184.2	230.7	204.8	246.3	282.3	198.7
For Canning...	297.3	254.4	368.6	301.3	270.8	265.6	220.9	249.0	295.6	216.2
T. U.S. PROC. ...	489.0	461.1	613.4	484.2	455.1	496.3	425.7	495.3	577.8	414.9

(a) Included in "OTHER STATES".

†Area totals do not include quantities in "OTHER STATES".

PEAS, GREEN—VALUE PER TON—DOLLARS

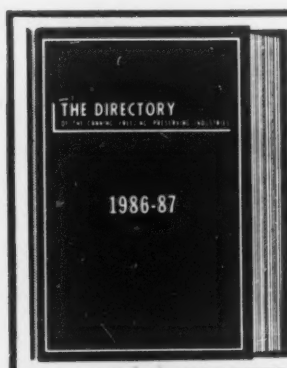
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Delaware	231.00	224.00	199.00	248.00	238.00	270.00	209.00	276.00	277.00	239.00
Maryland	230.00	225.00	187.00	261.00	245.00	275.00	232.00	282.00	304.00	n.a.
New York	248.00	250.00	249.00	278.00	284.00	286.00	285.00	301.00	305.00	281.00
Michigan	181.00	198.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Minnesota	201.00	218.00	220.00	244.00	230.00	236.00	229.00	243.00	240.00	232.00
Wisconsin	204.00	202.00	195.00	197.00	218.00	199.00	215.00	222.00	226.00	208.00
California	179.00	208.00	249.00	230.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Colorado	271.00	270.00	270.00	.....	.....	.....	.....	.....	.....	.....
Idaho	236.00	219.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Oregon	194.00	150.00	169.00	173.00	179.00	202.00	173.00	211.00	204.00	198.00
Washington	202.00	204.00	222.00	193.00	203.00	235.00	205.00	246.00	240.00	251.00
For Freezing ..	202.00	200.00	218.00	202.00	206.00	240.00	212.00	244.00	252.00	244.00
For Canning...	208.00	210.00	205.00	214.00	226.00	215.00	220.00	230.00	228.00	210.00
U.S. PROC. AV ..	206.00	206.00	210.00	209.00	218.00	227.00	217.00	237.00	240.00	226.00

n.a.- Not available.

PEAS, GREEN—TOTAL VALUE—1,000 DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Delaware	2,760	2,386	2,627	2,195	2,970	3,691	2,888	4,444	6,149	3,695
Maryland	1,760	1,991	2,416	1,618	1,833	1,466	786	1,151	1,225	(a)
New York	1,786	2,025	2,595	2,802	4,098	4,279	3,933	4,542	8,564	4,524
EAST†	6,306	6,402	7,638	6,615	8,901	9,436	7,607	10,137	15,938	8,219
Michigan	1,210	1,049	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Minnesota	20,180	18,061	24,572	19,088	20,118	22,968	18,377	24,883	30,905	21,926
Wisconsin	29,825	21,947	34,622	30,273	27,350	29,436	23,684	28,323	36,359	23,743
MID-WEST†	51,215	41,057	59,194	49,361	47,468	52,394	42,061	53,206	67,264	45,669
California	2,076	2,090	5,027	2,251	(a)	(a)	(a)	(a)	(a)	(a)
Colorado	149	122	135	.....	.....	.....	.....	.....	.....	.....
Idaho	1,357	3,460	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Oregon	4,462	6,810	7,595	9,363	7,921	7,419	6,963	10,493	8,811	6,764
Washington	21,442	24,174	30,967	18,406	17,907	25,455	20,037	26,932	23,616	20,431
WEST†	29,486	36,656	43,724	27,769	25,828	32,874	27,000	37,425	32,427	27,195
OTHER STATES	13,526	10,738	18,534	15,396	16,859	17,837	15,521	16,498	22,860	12,698
For Freezing ..	38,721	41,327	53,380	36,865	37,918	55,394	43,495	60,045	71,177	48,459
For Canning...	61,812	53,526	75,710	64,527	61,138	57,147	48,694	57,221	67,312	45,322
T. U.S. PROC. ...	100,533	94,853	129,090	101,392	99,056	112,541	92,189	117,266	138,489	93,781

(a)-Included in "OTHER STATES". †Area totals do not include quantities in "OTHER STATES".



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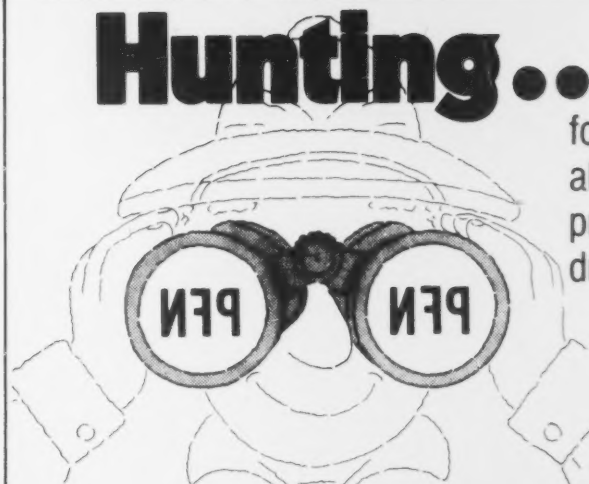
PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

TOMATOES—HARVESTED ACREAGE—1,000 ACRES (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
New Jersey	8.0	7.2	7.0	5.4	5.4	5.6	4.4	4.0	4.2	3.0
Pennsylvania	5.8	3.9	4.4	3.4	4.8	5.0	5.0	3.3	2.8	2.9
†MIDATLANT ..	13.8	11.1	11.4	8.8	10.2	10.6	9.4	7.3	7.0	5.9
Delaware	(a)	(a)	(a)	(a)	(a)	1.2	.8	.8	1.1	(a)
Maryland	4.0	3.9	2.8	3.4	3.3	4.1	2.6	2.9	2.3	1.8
Virginia	3.6	3.8	3.6	2.1	1.4	1.8	1.7	1.2	1.4	(a)
†DELMARVA ...	7.6	7.7	6.4	5.5	4.7	7.1	5.1	4.9	4.8	1.8
Ohio	21.2	19.7	18.7	16.8	14.1	18.8	19.0	15.9	15.9	14.8
Indiana	12.5	9.5	10.6	9.6	5.7	6.7	7.6	7.6	6.8	6.4
Illinois	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Michigan	4.1	4.5	5.6	6.0	6.2	9.7	9.2	7.4	6.6	5.4
†NO. CENTRAL ..	37.8	33.7	34.9	32.4	26.0	35.2	35.8	30.9	29.3	26.6
Florida	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	2.0	2.5	2.0	1.4	1.2	2.7	(a)	(a)	(a)	(a)
†SOUTH	2.0	2.5	2.0	1.4	1.2	2.7	(a)	(a)	(a)	(a)
Colorado	.6	.8	.8	.5	.7	.9	1.1	1.0	.9	.7
New Mexico	.9	.6	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Utah	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.....	(a)
California	276.4	231.9	250.0	208.3	204.3	232.0	233.5	239.7	217.0	210.4
†WEST	277.9	233.3	250.8	208.8	205.0	232.9	234.6	240.7	217.9	211.1
OTHER STS	7.5	7.3	6.6	6.2	6.8	6.8	7.1	8.1	6.5	6.7
PROCESSING ...	346.7	295.6	312.0	263.0	253.9	295.3	292.0	291.9	265.5	252.1
FRESH MKT ...	124.3	130.2	125.2	126.3	127.0	119.7	123.3	122.9	124.6	126.8
TOT. U.S.	471.0	425.8	437.2	389.3	380.9	415.0	415.3	414.8	390.1	378.9

† Area totals do not include quantities in "Other States". (a) Included in "Other States". n.a. Not available.

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PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

TOMATOES—YIELD PER ACRE—TONS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Jersey	15.2	12.9	14.0	11.5	18.0	19.1	15.7	19.7	22.0	17.4
Pennsylvania	19.7	19.5	16.7	11.9	16.7	16.9	16.4	18.1	19.5	17.6
Delaware	n.a.	n.a.	n.a.	n.a.	n.a.	14.9	13.4	18.1	12.7	n.a.
Maryland	11.5	11.3	12.8	7.9	15.0	15.8	13.3	18.1	17.9	13.8
Virginia	8.1	10.5	11.9	8.6	13.0	15.4	7.4	12.0	18.0	n.a.
Ohio	19.9	20.2	18.7	15.0	18.0	19.6	21.4	24.5	25.5	26.0
Indiana	13.9	21.1	14.6	11.1	14.6	20.8	18.4	21.3	20.6	21.6
Illinois	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Michigan	15.5	18.0	18.1	12.3	19.1	21.1	19.9	23.5	25.2	24.7
Florida	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Texas	10.2	8.6	8.7	7.1	5.3	9.1	n.a.	n.a.	n.a.	n.a.
Colorado	10.9	15.3	10.8	13.0	14.2	16.1	16.0	14.0	20.1	16.7
New Mexico	11.0	8.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Utah	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
California	24.1	22.8	25.4	26.6	24.0	26.5	25.6	27.5	28.1	30.8
U.S. PROC. AV ..	22.4	21.5	23.5	23.6	22.5	24.7	24.1	26.3	27.0	29.3

TOMATOES—PRODUCTION—1,000 TONS (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
New Jersey	121.2	92.9	98.0	62.0	97.0	106.8	69.1	78.6	92.2	52.3
Pennsylvania	114.3	76.1	73.3	40.4	80.0	84.3	82.2	59.8	54.5	51.1
†MIDATLANT ..	235.5	169.0	171.3	102.4	177.0	191.0	151.2	138.5	146.7	103.4
Delaware	(a)	(a)	(a)	(a)	(a)	17.8	11.2	14.8	13.9	(a)
Maryland	46.0	44.0	35.9	26.9	49.6	64.6	35.3	52.6	41.2	24.8
Virginia	29.1	40.0	43.0	18.0	18.2	27.7	12.5	14.4	25.2	(a)
†DELMARVA ...	75.1	84.0	78.9	44.9	67.8	110.1	59.0	81.8	80.3	24.8
Ohio	422.8	398.4	349.3	252.0	253.1	368.1	406.6	389.6	405.0	384.8
Indiana	173.1	200.1	154.8	106.6	83.4	139.6	139.6	162.0	140.1	138.1
Illinois	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Michigan	63.5	81.2	101.4	73.7	118.3	204.7	183.1	173.9	166.3	133.4
† NO. CENT	659.4	679.6	605.5	432.2	454.8	712.3	729.3	725.5	711.4	656.3
Florida	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	20.4	21.6	17.4	9.9	6.4	24.6	(a)	(a)	(a)	(a)
†SOUTH	20.4	21.6	17.4	9.9	6.4	24.6	(a)	(a)	(a)	(a)
Colorado	7.0	11.6	8.1	6.1	9.9	13.8	17.6	13.8	17.3	10.8
New Mexico	9.9	4.8	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Utah	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
California	6,669.6	5,289.7	6,350.0	5,540.8	4,903.2	6,148.0	5,972.9	6,591.8	6,102.0	6,480.3
†WEST	6,686.5	5,306.1	6,358.1	5,546.9	4,913.1	6,161.8	5,990.5	6,605.6	6,119.3	6,491.2
OTHER STS	102.5	107.6	98.4	74.3	97.1	99.1	99.8	129.8	119.5	117.7
PROCESSING ...	7,779.2	6,367.7	7,329.5	6,210.6	5,716.1	7,299.0	7,029.8	7,681.2	7,177.1	7,393.3
FRESH MKT ...	994.8	1,120.4	1,164.6	1,269.7	1,299.1	1,338.5	1,361.9	1,409.5	1,494.9	1,570.1
TOT. U.S.	8,774.0	7,488.1	8,494.1	7,480.3	7,015.2	8,637.5	8,391.7	9,090.6	8,672.0	8,963.4

†Area totals do not include quantities in Other States. (a) Included in Other States. n.a. Not available.

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

TOMATOES—VALUE PER TON—DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Jersey	63.00	65.00	70.20	74.20	86.60	87.40	83.00	80.40	75.00	72.80
Pennsylvania	62.00	64.00	65.80	71.20	80.50	86.30	83.50	79.90	75.50	72.50
Delaware	n.a.	n.a.	n.a.	n.a.	n.a.	84.40	71.50	76.50	72.10	n.a.
Maryland	64.30	66.80	60.70	71.00	79.50	82.00	75.50	76.70	72.70	69.60
Virginia	70.60	67.40	70.40	73.60	82.20	85.40	79.30	81.80	80.90	n.a.
Ohio	66.00	67.80	67.80	71.10	85.40	89.10	84.70	83.10	77.20	74.30
Indiana	66.70	68.50	72.70	74.30	89.00	89.50	86.90	84.60	79.20	81.10
Illinois	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Michigan	65.80	67.30	68.30	72.90	86.00	92.60	84.00	84.00	80.00	76.00
Florida	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Texas	64.60	68.30	62.10	67.50	75.00	75.70	n.a.	n.a.	n.a.	n.a.
Colorado	63.70	63.00	64.60	66.90	72.10	67.60	69.80	79.70	71.10	67.60
New Mexico	75.00	75.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Utah	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	.....	n.a.
California	63.90	63.70	67.50	59.70	64.70	68.50	65.70	64.80	64.10	62.20
PROC. AV.	64.10	64.20	67.60	61.00	67.50	71.60	68.40	67.40	66.30	63.90

TOMATOES—TOTAL VALUE—1,000 DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New York	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
New Jersey	7,636	6,035	6,880	4,600	8,398	9,333	5,734	6,323	6,914	3,805
Pennsylvania	7,084	4,870	4,821	2,875	6,442	7,271	6,860	4,780	4,112	3,705
†MIDATLANT ..	14,720	10,905	11,701	7,475	14,840	16,604	12,594	11,103	11,026	7,510
Delaware	(a)	(a)	(a)	(a)	(a)	1,505	802	1,134	1,005	(a)
Maryland	2,955	2,936	2,179	1,910	3,943	5,299	2,664	4,033	2,993	1,726
Virginia	2,051	2,696	3,024	1,322	1,496	2,361	992	1,178	2,039	(a)
†DELMARVA ...	5,006	5,632	5,203	3,232	5,439	9,165	4,458	6,345	6,037	1,726
Ohio	27,902	27,008	23,684	17,917	21,615	32,798	34,439	32,372	31,264	28,591
Indiana	11,546	13,703	11,251	7,917	7,422	12,491	12,132	13,708	11,094	11,201
Illinois	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Michigan	4,178	5,465	6,927	5,371	10,174	18,952	15,379	14,608	13,306	10,137
†NO. CENT	43,626	46,176	41,862	31,205	39,211	64,241	61,950	60,688	55,664	49,929
Florida	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Texas	1,318	1,472	1,081	671	478	1,860	(a)	(a)	(a)	(a)
†SOUTH	1,318	1,472	1,081	671	478	1,860	(a)	(a)	(a)	(a)
Colorado	446	731	523	409	715	935	1,225	1,101	1,230	733
New Mexico	743	360	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Utah	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.....	(a)
California	426,184	336,951	428,625	330,785	317,237	421,138	392,422	427,145	391,141	403,076
†WEST	427,373	338,042	429,148	331,194	317,952	422,073	393,647	428,246	392,371	403,809
OTHER STS	6,329	6,723	6,481	5,076	7,712	8,479	8,277	11,106	10,611	9,564
PROCESSING ...	498,372	408,950	495,476	378,853	385,632	522,422	480,926	517,488	475,709	472,538

(a) Included in OTHER STATES. †Area totals do not include quantities in OTHER STATES. n.a. Not available.

COMMODITY SUMMARIES—HARVESTED ACREAGE—1,000 ACRES

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Beans, Lima	60.3	68.1	65.4	50.8	49.7	n.a.	n.a.	n.a.	n.a.	n.a.
Beans, Snap	257.6	280.4	285.4	255.7	218.3	204.4	196.7	216.6	222.2	190.6
Beets	14.1	17.3	17.4	13.3	10.0	n.a.	n.a.	n.a.	n.a.	n.a.
Cabbage/Kraut ..	10.5	10.6	9.8	9.1	10.2	n.a.	n.a.	n.a.	n.a.	n.a.
Corn, Sweet	454.0	429.6	417.6	375.4	401.0	446.9	399.8	427.2	435.3	413.0
Cucumbers										
for Pickles	123.8	134.7	131.7	116.4	97.5	n.a.	n.a.	103.6	115.2	110.3
Peas, Green	350.5	355.5	392.3	321.7	293.1	303.8	308.8	330.5	353.6	272.4
Spinach	20.6	20.2	20.8	21.6	19.9	n.a.	n.a.	n.a.	n.a.	n.a.
Tomatoes	346.7	295.6	312.0	263.0	253.9	295.3	292.0	291.9	265.5	252.1
TOTAL ABOVE..	1,638.1	1,612.0	1,652.5	1,427.1	1,353.5	1,250.5	1,197.4	1,369.8	1,391.8	1,238.3

COMMODITY SUMMARIES—YIELD PER ACRE—TONS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Beans, Lima	1.23	1.21	1.36	1.21	1.31	n.a.	n.a.	n.a.	n.a.	n.a.
Beans, Snap	2.62	2.56	2.69	2.75	3.08	3.15	2.99	3.07	3.16	3.20
Beets	14.60	12.79	14.32	15.40	15.59	n.a.	n.a.	n.a.	n.a.	n.a.
Cabbage/Kraut ..	22.29	20.60	24.27	22.87	24.22	n.a.	n.a.	n.a.	n.a.	n.a.
Corn, Sweet	5.23	5.67	5.90	5.75	5.93	6.13	5.57	5.97	6.06	6.13
Cucumbers										
for Pickles	5.04	5.09	5.08	5.23	5.90	n.a.	n.a.	5.97	6.03	5.78
Peas, Green	1.40	1.30	1.56	1.51	1.55	1.63	1.38	1.50	1.63	1.52
Spinach	7.46	6.72	7.43	7.61	7.69	n.a.	n.a.	n.a.	n.a.	n.a.
Tomatoes	22.44	21.54	23.49	23.61	22.51	24.72	24.07	26.32	27.03	29.33

COMMODITY SUMMARIES—PRODUCTION—1,000 TONS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Beans, Lima	74.2	82.7	89.2	61.3	65.0	n.a.	n.a.	n.a.	n.a.	n.a.
Beans, Snap	675.5	716.6	769.1	704.2	672.2	643.9	587.4	666.1	702.5	609.4
Beets	206.2	221.6	249.7	205.4	155.7	n.a.	n.a.	n.a.	n.a.	n.a.
Cabbage/Kraut ..	234.8	217.8	237.8	209.0	246.1	n.a.	n.a.	n.a.	n.a.	n.a.
Corn, Sweet	2,376.2	2,434.7	2,463.9	2,158.0	2,378.2	2,740.5	2,227.1	2,552.2	2,640.0	2,530.6
Cucumbers										
for Pickles	623.9	685.5	669.0	609.2	575.4	n.a.	n.a.	618.2	694.4	637.4
Peas, Green	489.0	461.1	613.4	484.2	455.1	496.3	425.7	495.3	577.8	414.9
Spinach	153.7	135.9	154.4	164.7	152.8	n.a.	n.a.	n.a.	n.a.	n.a.
Tomatoes	7,779.2	6,367.7	7,329.5	6,210.6	5,716.1	7,299.0	7,029.8	7,681.2	7,177.1	7,393.3
TOTAL ABOVE..	12,612.5	11,323.5	12,576.0	10,806.6	10,416.5	11,179.6	10,270.1	12,013.0	11,791.9	11,585.6

COMMODITY SUMMARIES—VALUE PER TON—DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Beans, Lima	342.70	359.00	368.00	410.00	440.00	n.a.	n.a.	n.a.	n.a.	n.a.
Beans, Snap	145.00	146.00	153.00	156.00	166.00	166.00	160.00	171.00	169.00	160.00
Beets	40.70	39.70	42.20	47.20	47.20	n.a.	n.a.	n.a.	n.a.	n.a.
Cabbage/Kraut ..	30.50	31.50	31.60	34.10	36.80	n.a.	n.a.	n.a.	n.a.	n.a.
Corn, Sweet	49.60	49.90	51.30	53.70	63.10	61.40	59.80	63.70	63.40	58.70
Cucumbers										
for Pickles	126.20	130.00	145.00	166.00	175.00	n.a.	n.a.	168.00	178.00	177.00
Peas, Green	206.00	206.00	210.00	209.00	218.00	227.00	217.00	237.00	240.00	226.00
Spinach	68.00	78.90	86.10	91.90	86.00	n.a.	n.a.	n.a.	n.a.	n.a.
Tomatoes	64.10	64.20	67.60	61.00	67.50	71.60	68.40	67.40	66.30	63.90

COMMODITY SUMMARIES—TOTAL VALUE—1,000 DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Beans, Lima	25,426	29,704	32,831	25,137	28,600	n.a.	n.a.	n.a.	n.a.	n.a.
Beans, Snap	98,170	104,630	117,869	110,034	111,394	106,610	94,252	113,935	118,799	97,262
Beets	8,383	8,793	10,536	9,685	7,348	n.a.	n.a.	n.a.	n.a.	n.a.
Cabbage/Kraut ..	7,166	6,857	7,525	7,121	9,045	n.a.	n.a.	n.a.	n.a.	n.a.
Corn, Sweet	117,879	121,445	126,439	115,824	150,048	168,165	133,233	162,530	167,297	148,470
Cucumbers										
for pickles	78,651	88,814	97,186	101,264	100,629	n.a.	n.a.	103,823	123,639	112,922
Peas, Green	100,533	94,853	129,090	101,392	99,056	112,541	92,189	117,266	138,489	93,781
Spinach	10,600	10,722	13,287	15,139	13,144	n.a.	n.a.	n.a.	n.a.	n.a.
Tomatoes	498,372	408,950	495,476	378,853	385,632	522,422	480,926	511,198	475,709	472,538
TOTAL ABOVE..	945,180	874,768	1,030,239	864,449	904,896	909,738	800,600	1,015,112	1,023,933	924,973

PRINCIPAL VEGETABLE CROPS FOR PROCESSING—Cont.

*STATE SUMMARIES—HARVESTED ACREAGE—1,000 ACRES

State	1977	1978	1979	1980	1981	*1982	*1983	*1984	*1985	*1986
Maine	7.2	7.1	8.0	7.6	8.2	8.9	8.5	9.9	10.4	(a)
New Hamp .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mass	1.3	1.7	1.6	9	.7	.....	.....	.6	.6	.5
Conn .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	75.6	88.5	83.0	78.9	77.6	70.9	70.1	71.8	76.9	62.5
New Jersey	14.8	19.3	16.8	14.7	15.5	14.9	10.6	14.6	15.8	10.7
Penna	17.8	14.9	14.6	15.0	16.1	17.4	15.0	13.5	13.5	12.8
N. ATLANT	116.6	131.6	124.1	117.0	118.2	112.1	104.2	110.4	117.1	86.5
Ohio	29.9	28.1	26.5	24.2	20.9	19.0	19.1	20.7	21.0	19.6
Indiana	23.4	20.0	20.3	18.3	9.3	9.6	11.0	15.8	12.6	10.4
Illinois	91.8	95.2	95.0	74.4	68.2	58.8	55.3	61.3	57.2	44.2
Michigan	50.9	52.5	51.5	42.0	38.9	26.8	26.7	48.7	53.3	50.3
Wisconsin	331.2	304.3	338.9	308.7	287.0	265.8	271.3	300.6	322.0	278.1
Minnesota	191.1	185.5	178.1	174.0	168.6	184.7	176.7	194.7	206.1	202.0
Iowa	11.7	7.7	3.7	3.8	4.4	5.5	4.7	5.6	5.3	4.1
Missouri	1.1	1.7	.5	1.5	.9	.5	.4	1.2	1.7	(a)
N. Dakota .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. Dakota	.1	.1	.1	.1	(c)	.....	.....	(a)	(a)	(a)
Nebraska	.2	.2	.1	.5	.2	.....	.....	(a)	(a)	(a)
Kansas .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N. CENT	731.4	695.2	716.6	647.4	598.4	570.7	565.3	648.5	679.1	608.7
Delaware	30.1	35.2	30.4	26.1	26.7	16.7	17.2	21.7	22.8	19.7
Maryland	34.9	34.8	36.0	26.9	24.5	18.4	16.7	19.5	19.4	16.2
Virginia	12.8	13.3	11.7	8.3	5.1	3.6	2.1	3.2	2.7	.9
W. Va.	.5	.1	.1	(c)	(c)	(c)	(c)	(a)	(a)	(a)
N.C.	29.6	31.2	32.7	28.8	28.0	2.4	2.1	27.6	31.1	25.7
S.C.	8.8	9.7	10.9	8.7	10.9	.4	.1	9.5	13.8	13.6
Georgia	3.9	4.3	4.6	2.9	3.9	.9	1.3	2.6	3.0	2.5
Florida	19.4	21.8	22.8	17.0	8.9	3.8	2.1	8.6	7.3	5.9
S. ATLANT	140.0	150.4	149.2	118.8	107.9	46.2	41.7	92.6	100.1	84.5
Kentucky	2.8	2.3	1.2	1.0	.7	.....	.....	(a)	(a)	(a)
Tenn	14.9	12.9	10.9	13.7	9.2	6.9	4.9	5.3	5.0	5.3
Alabama	6.9	9.7	8.4	2.6	1.9	1.3	1.3	2.0	1.2	2.5
Miss	3.6	4.2	3.5	3.5	1.1	.....	.....	(a)	(a)	(a)
Arkansas	8.5	6.4	6.5	4.7	6.2	3.6	3.3	3.1	3.4	2.9
Louisiana	.2	.1	.2	.2	.....	.....	.....	.....	.....	.....
Oklahoma	4.2	3.0	2.2	4.2	4.4	1.3	.8	(a)	(a)	(a)
Texas	16.8	20.1	20.3	18.4	12.8	5.3	4.1	13.5	10.6	10.6
S. CENT	57.8	58.8	53.1	48.2	36.3	18.4	14.4	23.9	20.2	21.2
Montana .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	35.9	35.2	35.2	30.9	28.2	29.1	24.8	27.9	28.4	26.6
Wyoming .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	4.4	4.8	4.9	3.9	3.5	1.4	1.1	3.2	3.5	2.2
New Mexico	.9	.6	.3	.4	.2	.2	.2	(a)	(a)	(a)
Arizona	.6	.7	.5	.4	.2	.....	.....	(a)	(a)	(a)
Utah	4.7	4.8	4.7	4.9	4.5	2.6	2.6	2.3	2.4	1.2
Wash	111.3	121.8	127.9	100.6	106.8	121.5	105.3	99.9	103.6	85.4
Oregon	104.3	116.9	122.7	101.5	103.0	104.9	95.6	101.5	99.3	88.3
Calif	330.3	291.6	313.4	253.2	246.3	243.4	242.2	255.1	233.4	222.4
WESTERN	592.3	576.2	609.6	495.8	492.6	503.1	471.8	489.9	470.6	426.1
OTHER STATES..	.....	.....	.....	.....	.....	.....	.....	4.4	4.6	11.4
T. U.S. PROC....	1,638.1	1,612.0	1,652.5	1,427.1	1,353.5	1,250.4	1,197.4	1,369.8	1,391.8	1,238.3

*Up thru 1981 includes lima beans, snap beans, beets, cabbage/kraut, sweet corn, cucumbers for pickles, green peas, spinach, tomatoes. Beginning in 1982 includes snap beans, corn, green peas, tomatoes, with cucumbers added back in 1984. (a) Included in "OTHER STATES". (c) Less than 50 acres.

PRINCIPAL VEGETABLE CROPS FOR PROCESSING-Cont.
***STATE SUMMARIES—PRODUCTION—1,000 TONS**

State	1977	1978	1979	1980	1981	*1982	*1983	*1984	*1985	*1986
Maine.....	9.0	8.4	11.8	8.4	13.1	11.0	9.7	10.6	18.9	(a)
New Hamp.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mass.....	10.4	13.4	12.7	8.0	8.8	.....	.....	7.8	7.3	8.5
Conn.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	373.9	403.8	420.6	380.8	387.8	275.6	256.6	278.4	266.9	233.1
New Jersey.....	147.8	127.9	124.1	92.2	132.0	131.5	80.4	113.9	131.2	76.3
Penn.....	144.7	107.8	97.9	66.2	109.0	116.0	102.0	93.5	90.2	73.7
N. ATLANT.....	685.7	661.2	667.0	555.5	650.7	534.1	448.6	504.2	514.4	391.5
Ohio.....	523.3	500.7	465.6	343.1	348.8	368.5	406.7	445.9	466.3	441.1
Indiana.....	213.3	245.0	192.0	136.6	102.6	152.0	148.1	202.8	169.2	159.4
Illinois.....	331.4	352.1	373.3	248.6	292.8	261.2	214.0	285.1	299.9	218.6
Michigan.....	237.5	259.9	267.5	234.7	267.7	246.5	227.7	343.2	359.9	326.3
Wisconsin.....	1,164.1	1,024.1	1,214.8	1,081.1	1,138.8	900.3	889.1	1,062.7	1,140.5	1,071.8
Minnesota.....	770.0	744.5	694.1	647.1	681.7	796.1	590.2	790.2	836.7	851.6
Iowa.....	60.9	46.6	37.0	24.7	27.3	32.3	27.0	34.0	38.8	37.6
Missouri.....	3.0	2.4	1.0	2.1	3.2	1.8	1.3	3.5	5.8	(a)
N. Dakota.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. Dakota.....	.4	.2	.2	.2	.1	.....	.....	(a)	(a)	(a)
Nebraska.....	1.0	.7	.7	2.4	.9	.....	.....	(a)	(a)	(a)
Kansas.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N. CENT.....	3,304.8	3,175.9	3,246.2	2,720.6	2,863.9	2,758.6	2,504.0	3,167.3	3,317.0	3,106.3
Delaware.....	48.8	66.7	60.3	55.7	54.3	61.7	49.2	72.3	77.4	58.5
Maryland.....	134.1	138.7	142.9	107.2	132.4	115.9	74.6	138.3	135.5	94.0
Virginia.....	49.8	72.5	67.6	33.2	29.2	32.7	13.2	18.2	28.7	5.3
W. Va.....	1.2	.8	.9	.2	.5	.3	.3	(a)	(a)	.....
N.C.....	75.3	81.4	91.3	95.3	93.2	17.7	10.2	93.6	104.8	82.0
S.C.....	25.0	29.7	26.9	23.7	28.3	.4	.1	36.1	49.6	47.6
Georgia.....	8.5	11.4	10.7	7.9	10.7	2.2	2.3	9.6	10.2	6.9
Florida.....	71.3	80.4	88.5	65.0	49.7	24.6	18.9	41.7	41.4	39.1
S. ATLANT.....	414.0	481.5	489.0	388.2	398.2	255.5	168.7	409.6	447.6	333.5
Kentucky.....	10.9	7.6	5.6	4.4	3.2	.....	.....	(a)	(a)	(a)
Tenn.....	33.9	26.8	23.7	21.6	29.1	17.9	8.9	11.3	11.3	7.6
Alabama.....	13.0	15.3	18.3	4.9	5.4	2.6	2.1	2.8	3.2	4.0
Miss.....	6.1	6.7	5.4	2.6	2.8	.....	.....	(a)	(a)	(a)
Arkansas.....	21.7	18.4	16.7	12.2	18.6	10.0	7.3	4.4	7.5	4.3
Louisiana.....	.4	.2	.3	.1	.....	.....	.....	.....	.....	.....
Oklahoma.....	12.5	12.3	7.0	19.7	22.0	4.5	2.5	(a)	(a)	(a)
Texas.....	95.7	121.5	96.9	98.1	67.9	31.2	22.4	80.3	60.8	59.9
S. CENT.....	194.0	208.7	173.9	163.5	148.9	66.3	43.2	98.8	82.8	75.8
Montana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho.....	161.6	185.2	213.1	172.1	167.9	200.4	137.7	159.3	165.1	174.1
Wyoming.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado.....	33.3	36.0	34.8	32.2	31.8	15.8	17.6	32.7	36.4	25.4
New Mexico.....	9.9	4.8	2.8	4.0	2.3	2.2	2.5	(a)	(a)	(a)
Arizona.....	2.1	2.7	1.8	1.6	.5	.....	.....	(a)	(a)	(a)
Utah.....	16.9	17.4	23.3	19.9	20.2	9.5	7.8	8.2	10.4	3.3
Wash.....	364.0	469.0	487.6	432.4	448.6	585.2	452.6	375.7	446.6	368.2
Oregon.....	526.7	577.1	612.5	570.0	573.4	580.1	495.6	568.5	548.3	518.0
California.....	6,899.9	5,504.3	6,624.1	5,746.7	5,110.1	6,172.2	5,991.8	6,675.4	6,209.4	6,564.1
WESTERN.....	8,014.2	6,796.4	8,000.0	6,978.9	6,354.8	7,565.2	7,105.6	7,819.7	7,416.2	7,653.2
OTHER STATES.....	.....	.....	.....	.....	.....	.....	.....	13.3	13.9	25.4
T. U.S. PROC.....	12,612.5	11,323.5	12,576.0	10,806.6	10,416.5	11,179.6	10,270.1	12,013.0	11,791.9	11,585.6

*Up thru 1981 includes lima beans, snap beans, beets, cabbage/kraut, sweet corn, cucumbers for pickles, green peas, spinach, tomatoes. Beginning in 1982 includes snap beans, corn, green peas, and tomatoes, with cucumbers added back in 1984. (a) Included in "OTHER STATES".

PRINCIPAL VEGETABLE CROPS FOR PROCESSING-Cont.

*STATE SUMMARIES—TOTAL VALUE—1,000 DOLLARS

State	1977	1978	1979	1980	1981	*1982	*1983	*1984	*1985	*1986
Maine.....	1,411	1,587	2,069	1,617	2,179	2,146	2,112	1,853	5,130	(a)
New Hamp.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mass.....	1,039	1,394	1,342	874	1,121	.....	.....	1,092	956	1,054
Conn.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	27,363	30,472	32,786	33,665	36,602	33,220	30,309	31,338	35,279	24,450
New Jersey.....	11,851	11,600	11,541	10,191	15,239	14,330	7,990	13,626	15,204	8,491
Penna.....	10,210	7,890	7,574	5,748	10,523	11,591	9,557	9,544	9,462	6,411
N. ATLANT.....	51,874	52,943	55,312	52,095	65,664	61,287	49,968	57,453	66,031	40,406
Ohio.....	38,418	37,194	36,954	29,481	34,888	32,841	34,451	42,788	43,279	39,298
Indiana.....	14,700	17,754	14,306	10,368	9,257	13,471	12,868	17,862	14,675	13,655
Illinois.....	29,584	29,591	33,795	26,678	32,360	25,535	21,045	27,777	27,076	16,861
Michigan.....	23,368	27,176	29,311	25,530	30,624	25,333	22,051	39,192	43,547	37,722
Wisconsin.....	93,648	81,013	105,105	97,434	108,331	83,891	85,230	107,098	122,258	105,624
Minnesota.....	53,045	50,432	54,067	49,663	56,267	64,003	46,988	69,188	76,163	64,718
Iowa.....	3,176	2,396	1,949	1,385	1,481	1,810	1,916	2,470	2,889	2,598
Missouri.....	265	211	138	329	512	280	210	576	633	(a)
N. Dakota.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. Dakota.....	54	21	27	30	16	.....	.....	(a)	(a)	(a)
Nebraska.....	133	91	105	445	184	.....	.....	(a)	(a)	(a)
Kansas.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N. CENT.....	256,391	245,879	275,757	241,343	273,920	247,164	224,759	306,951	330,420	280,476
Delaware.....	7,853	11,458	9,349	8,964	10,370	8,258	5,639	9,783	11,369	7,599
Maryland.....	12,345	13,640	14,117	11,905	15,879	10,404	6,197	14,552	13,591	9,245
Virginia.....	4,702	6,730	6,175	3,467	3,181	3,366	1,132	1,921	2,685	514
W. Va.....	110	47	60	11	37	30	28	(a)	(a)	.....
N.C.....	9,931	10,331	14,014	16,365	17,328	1,995	1,325	15,782	20,571	15,953
S.C.....	3,521	4,615	4,246	4,180	5,134	85	19	7,017	9,407	8,822
Georgia.....	1,218	1,701	1,705	1,537	2,159	473	497	1,647	1,939	1,253
Florida.....	9,576	10,597	12,155	14,817	8,695	2,220	1,530	8,768	8,310	7,923
S. ATLANT.....	49,256	59,119	61,821	61,246	62,783	26,831	16,367	59,470	67,872	51,309
Kentucky.....	1,357	1,012	732	631	435	.....	.....	(a)	(a)	(a)
Tenn.....	4,746	3,755	3,270	3,352	4,818	3,645	1,784	2,313	2,284	1,508
Alabama.....	2,050	1,645	2,839	653	1,169	447	464	557	698	815
Miss.....	872	824	717	345	511	.....	.....	(a)	(a)	(a)
Arkansas.....	2,213	1,798	2,454	1,620	2,752	1,657	1,363	769	1,301	784
Louisiana.....	35	22	35	11	.....	.....	.....	.....	.....	.....
Oklahoma.....	1,060	1,008	653	1,882	2,409	720	397	(a)	(a)	(a)
Texas.....	9,826	12,806	11,745	12,805	10,651	3,012	2,191	10,225	11,708	10,526
S. CENT.....	22,159	22,870	22,445	21,299	22,745	9,481	6,199	13,864	15,991	13,633
Montana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho.....	10,190	13,779	14,214	12,959	13,937	15,584	11,463	12,531	12,830	12,933
Wyoming.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado.....	3,322	3,743	3,322	4,189	3,482	1,208	1,225	3,574	3,765	2,755
New Mexico.....	743	360	210	340	194	184	213	(a)	(a)	(a)
Arizona.....	205	305	216	216	60	.....	.....	(a)	(a)	(a)
Utah.....	1,680	1,601	2,308	2,245	2,479	2,145	1,493	1,432	1,559	496
Wash.....	38,340	47,592	56,966	41,676	43,896	59,824	42,051	47,184	49,949	41,787
Oregon.....	49,478	51,650	59,409	57,845	58,297	58,862	49,347	62,936	59,593	55,904
California.....	461,542	374,927	478,259	368,996	357,439	427,168	397,515	447,544	413,540	420,408
WESTERN.....	565,500	493,957	614,904	488,466	479,784	564,975	503,307	575,201	541,236	534,283
OTHER STATES..	.....	.....	.....	.....	.....	.....	.....	2,103	2,383	4,866
T. U.S. PROC.....	945,180	874,768	1,030,239	864,449	904,896	909,738	800,600	1,015,042	1,023,933	924,973

*Up thru 1981 includes lima beans, snap beans, beets, cabbage/kraut, sweet corn, cucumbers for pickles, green peas, spinach, tomatoes. Beginning in 1982 includes snap beans, corn, green peas and tomatoes with cucumbers added back in 1984. (a) included in "OTHER STATES".

ASPARAGUS—HARVESTED ACREAGE*—1,000 ACRES (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New Jersey	2.3	1.9	1.6	1.5	1.8	n.a.	n.a.	2.0	1.9	1.9
Illinois	4.5	4.2	3.1	2.9	2.7	n.a.	n.a.	1.4	1.3	1.3
Michigan	19.0	19.5	19.5	19.5	19.0	n.a.	n.a.	19.2	19.2	20.5
California	30.3	28.0	26.4	27.9	27.3	n.a.	n.a.	34.2	35.2	37.8
Washington	20.2	21.0	21.0	22.2	23.7	n.a.	n.a.	29.0	29.0	30.0
Other States	11.2	9.2	9.1	9.0	7.5	n.a.	n.a.	4.1	4.9	4.7
TOT. U.S.	87.5	83.8	80.7	83.0	82.0	n.a.	n.a.	89.9	91.5	96.2

ASPARAGUS—YIELD PER ACRE*—HUNDREDWEIGHT

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
New Jersey	14	14	17	15	19	n.a.	n.a.	15	19	19
Illinois	11	9	11	13	10	n.a.	n.a.	10	11	8
Michigan	11	13	13	12	9	n.a.	n.a.	12	12	12
California	37	28	35	28	30	n.a.	n.a.	25	28	29
Washington	33	32	28	23	25	n.a.	n.a.	25	28	26
Other States	11	9	9	9	9	n.a.	n.a.	10	12	13
U.S. AVG.	25	22	24	20	21	n.a.	n.a.	21	23	23

ASPARAGUS—PRODUCTION**—1,000 TONS (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Illinois	2.1	1.6	1.4	(a)	(a)	n.a.	n.a.	(a)	(a)	(a)
Michigan	8.9	10.5	10.1	8.2	5.9	n.a.	n.a.	9.6	9.7	9.9
California	28.0	12.8	22.2	7.5	8.8	n.a.	n.a.	5.8	8.4	5.3
Washington	28.9	29.4	26.3	23.5	26.2	n.a.	n.a.	25.4	28.5	24.5
Other States	5.6	3.8	3.6	5.2	3.8	n.a.	n.a.	1.9	2.6	2.4
Canning	48.5	43.2	39.4	34.5	35.0	n.a.	n.a.	33.5	33.8	29.3
For Freezing	24.9	14.8	24.1	9.9	9.7	n.a.	n.a.	9.2	15.4	12.8
PROCESSING ...	73.4	58.0	63.5	44.4	44.6	n.a.	n.a.	42.7	49.2	42.1
FRESH MKT	36.7	35.1	32.0	39.2	41.0	n.a.	n.a.	52.2	57.6	69.4
TOT. U.S.	110.0	93.1	95.5	83.6	85.6	n.a.	n.a.	94.8	106.8	111.4

ASPARAGUS—VALUE PER TON**—DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Illinois	638	798	912	(a)	(a)	n.a.	n.a.	(a)	(a)	(a)
Michigan	868	1,120	1,137	908	1,165	n.a.	n.a.	1,126	1,118	1,120
California	594	683	838	780	816	n.a.	n.a.	830	777	780
Washington	615	670	857	767	923	n.a.	n.a.	854	905	861
Other States	612	868	929	1,011	1,111	n.a.	n.a.	1,191	1,137	1,139
For Canning	650	755	893	816	941	n.a.	n.a.	930	951	925
For Freezing	614	816	911	852	984	n.a.	n.a.	916	909	933
U.S. AVG.	638	771	900	824	950	n.a.	n.a.	927	938	928

ASPARAGUS—TOTAL VALUE **—1,000 DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Illinois	1,308	1,277	1,231	(a)	(a)	n.a.	n.a.	(a)	(a)	(a)
Michigan	7,682	11,760	11,461	7,464	6,874	n.a.	n.a.	10,810	10,867	11,066
California	16,632	8,708	18,604	5,850	7,140	n.a.	n.a.	4,814	6,527	4,134
Washington	17,774	19,698	22,539	18,032	24,183	n.a.	n.a.	21,700	25,793	21,095
Other States	3,395	3,254	3,317	5,237	4,211	n.a.	n.a.	2,239	2,946	2,733
For Canning	31,503	32,650	35,217	28,170	32,877	n.a.	n.a.	31,120	32,156	27,133
For Freezing	15,288	12,047	21,935	8,413	9,531	n.a.	n.a.	8,443	13,977	11,895
PROCESSING ...	46,791	44,697	57,152	36,583	42,408	n.a.	n.a.	39,563	46,133	39,028

*For both fresh market and processing. **For processing only. (a) Included in "Other States".

n.a. - Not available.

VEGETABLE CROPS FOR PROCESSING & FRESH MARKET—Cont.

BROCCOLI—HARVESTED ACREAGE*—1,000 ACRES (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<i>January-June</i>										
Arizona.....	350	400	800	400	420	550	(a)	(a)	(a)	(a)
California.....	35,900	30,900	35,500	37,100	35,400	41,800	(a)	(a)	(a)	(a)
Texas.....	800	1,700	450	1,700	3,300	3,200	(a)	(a)	(a)	(a)
Season Total....	37,050	33,000	36,750	39,200	39,120	45,550	(a)	(a)	(a)	(a)
<i>July-December (thru 1982)</i>										
Arizona†.....	500	400	250	350	300	250	700	1,300	1,900	2,900
California.....	31,900	33,500	32,500	35,500	36,000	40,000	82,000	95,700	97,700	96,400
Oregon.....	940	900	900	1,000	1,100	1,800	2,000	2,000	2,600	2,800
Texas†.....	500	500	500	1,800	2,000	4,400	6,800	7,500	7,300	6,800
Season Total....	33,840	35,300	34,150	38,650	39,400	46,450	n.a.	n.a.	n.a.	n.a.
TOT. U.S.....	70,890	68,300	70,900	77,850	78,520	92,000	91,500	106,500	109,500	108,900

BROCCOLI—YIELD PER ACRE*—HUNDREDWEIGHT

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<i>January-June</i>										
Arizona.....	55	53	60	62	69	75	(a)	(a)	(a)	(a)
California.....	85	79	89	89	100	100	(a)	(a)	(a)	(a)
Texas.....	65	64	47	55	86	88	(a)	(a)	(a)	(a)
Season Avg. ...	84	78	88	87	98	99	(a)	(a)	(a)	(a)
<i>July-December (thru 1982)</i>										
Arizona†.....	60	54	76	59	80	60	77	76	93	82
California.....	76	81	90	88	93	94	92	99	98	100
Oregon.....	86	84	100	99	99	110	85	88	95	100
Texas†.....	50	26	55	50	94	78	81	76	86	83
Season Avg.	76	80	90	87	93	93	n.a.	n.a.	n.a.	n.a.
U.S. AVG.	80	79	89	87	96	96	91	97	97	98

BROCCOLI—PRODUCTION**—1,000 TONS (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
California.....	150.9	131.4	148.0	142.9	144.6	159.6	126.3	164.7	158.0	112.0
Other States†....	5.3	6.3	4.3	5.1	5.6	10.6	10.9	12.4	15.7	15.7
PROCESSING ...	156.1	137.6	152.3	147.9	150.2	170.2	137.2	177.1	173.7	127.7
FRESH MKT.....	128.6	132.4	162.8	189.8	225.9	270.7	279.1	337.0	357.7	408.4
TOT. U.S.....	284.7	270.0	315.1	337.7	376.1	441.0	416.3	514.1	531.4	536.1

BROCCOLI—VALUE PER TON**—DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
California.....	272.00	296.00	320.00	376.00	378.00	394.00	390.00	394.00	388.00	375.00
Other States†....	220.00	225.00	295.00	312.00	324.00	336.00	327.00	325.00	319.00	327.00
U.S. PROC. AV....	270.00	293.00	319.00	374.00	376.00	390.00	385.00	389.00	382.00	369.00

BROCCOLI—TOTAL VALUE**—1,000 DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
California.....	41,031	38,880	47,360	53,712	54,659	62,882	49,257	64,892	61,304	42,000
Other States†....	1,155	1,409	1,267	1,574	1,828	3,567	3,567	4,024	4,988	5,120
U.S. PROC.	42,186	40,289	48,627	55,286	56,487	66,449	52,824	68,916	66,292	47,120

*For fresh market and processing. **For processing only. (a) Included in "July-December".
 †1984, 1985 and 1986 data not comparable to previous years because of change from calendar to seasonal forecasts.

CARROTS—HARVESTED ACREAGE*—1,000 ACRES (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<i>Winter</i>	16.7	17.8	(a)	(a)	(a)	(a)	(b)	(b)	(b)	(b)
Arizona	.6	.7	(a)	(a)	(a)	(a)	(b)	(b)	(b)	(b)
Calif. Des.	4.0	3.8	(a)	(a)	(a)	(a)	(b)	(b)	(b)	(b)
Calif. Other....	4.1	4.1	(a)	(a)	(a)	(a)	(b)	(b)	(b)	(b)
Texas	8.0	9.2	(a)	(a)	(a)	(a)	(b)	(b)	(b)	(b)
<i>Spring</i>	15.0	18.0	34.1	32.6	32.3	34.6	(b)	(b)	(b)	(b)
Arizona	1.2	1.3	1.9	1.8	1.6	2.6	(b)	(b)	(b)	(b)
Calif. Des.	5.7	7.3	10.2	11.1	3.6	8.9	(b)	(b)	(b)	(b)
Calif. Other....	4.9	4.7	10.3	10.6	10.4	11.5	(b)	(b)	(b)	(b)
Texas	3.2	4.7	11.7	9.1	11.7	11.6	(b)	(b)	(b)	(b)
<i>Summer</i>	14.6	14.7	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Calif. Other....	6.8	7.4	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Colorado	1.0	1.0	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Illinois	.3	.4	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Michigan	3.0	3.2	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Texas	.8	.5	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Washington....	1.0	1.0	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Wisconsin	1.7	1.2	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
<i>Fall (thru 1982)</i> ...	23.4	26.3	44.1	39.9	41.6	44.8	n.a.	n.a.	n.a.	n.a.
Arizona ††	...	...	...	...	...	...	3.1	2.9	2.4	2.4
Calif. Des. †† ..	.5	.8	1.0	.6	.5	.6	11.9	11.0	11.8	11.1
Calif. Other....	7.0	7.3	15.5	14.3	14.4	14.9	27.5	30.1	28.1	29.1
Colorado	...	...	1.0	1.1	1.1	1.0	1.1	1.0	1.0	1.2
Florida	...	...	...	...	...	...	10.0	10.6	11.5	12.3
Illinois	...	...	.3	.3	...	...	7.2	...	...	...
Michigan	2.6	2.9	6.6	5.6	5.6	6.7	7.2	7.5	6.4	3.7
Minnesota †	1.5	1.9	1.7	1.3	1.3	1.5	1.3	1.3	1.2	1.2
New York	1.1	1.2	1.1	1.0	1.1	1.6	1.6	1.6	1.4	1.4
Oregon	1.2	1.3	1.4	1.5	2.0	2.3	1.3	1.2	1.1	1.0
Texas ††	2.2	3.4	4.4	4.5	4.8	5.5	13.1	15.0	13.8	11.6
Washington....	4.0	3.5	5.0	4.2	4.4	4.8	4.0	4.3	5.2	5.8
Wisconsin †	1.8	2.5	4.5	3.8	4.5	4.0	3.2	5.2	3.3	3.3
Other States ...	1.5	1.5	1.6	1.8	1.9	1.9	2.1	1.9	2.9	1.9
TOT. U.S.	69.6	76.8	78.2	72.5	73.9	79.4	87.4	93.6	90.1	86.0

CARROTS—YIELD PER ACRE*—HUNDREDWEIGHT

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<i>Winter</i>	201	228	(a)	(a)	(a)	(a)	(b)	(b)	(b)	(b)
Arizona	140	150	(a)	(a)	(a)	(a)	(b)	(b)	(b)	(b)
Calif. Des.	260	250	(a)	(a)	(a)	(a)	(b)	(b)	(b)	(b)
Calif. Other....	270	295	(a)	(a)	(a)	(a)	(b)	(b)	(b)	(b)
Texas	140	195	(a)	(a)	(a)	(a)	(b)	(b)	(b)	(b)
<i>Spring</i>	228	211	213	228	234	258	(b)	(b)	(b)	(b)
Arizona	150	115	120	140	135	170	(b)	(b)	(b)	(b)
Calif. Des.	190	200	231	224	230	320	(b)	(b)	(b)	(b)
Calif. Other....	320	330	307	314	300	335	(b)	(b)	(b)	(b)
Texas	185	130	129	151	155	155	(b)	(b)	(b)	(b)
<i>Summer</i>	322	265	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Calif. Other....	345	230	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Colorado	220	250	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Illinois	350	295	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Michigan	230	255	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Texas	125	180	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Washington....	435	420	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Wisconsin	470	420	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
<i>Fall</i>	333	309	312	303	311	324	n.a.	n.a.	n.a.	n.a.
Arizona ††	...	...	...	...	...	...	175	130	165	165
Calif. Des. †† ..	190	215	210	190	205	210	250	280	250	260
Calif. Other....	285	270	294	311	285	310	310	295	285	305
Colorado	...	...	245	240	350	350	225	280	350	340
Florida	...	...	...	...	...	...	110	69	92	69
Illinois	...	...	310	255	...	...	...	...	...	...
Michigan	235	275	260	239	235	255	230	270	260	250
Minnesota †	430	365	380	380	320	370	340	330	380	400
New York	310	300	290	365	355	330	325	355	385	400
Oregon	440	345	440	465	445	435	415	430	480	460
Texas ††	155	180	152	151	195	165	210	145	145	175
Washington....	475	400	447	467	400	435	400	425	435	415
Wisconsin †	465	410	417	296	420	450	465	365	470	455
Other States ...	355	413	404	349	394	543	362	462	397	442
U.S. AVG.	277	258	269	270	277	295	265	253	254	263

*For both fresh market & processing. † Excludes the following quantities not harvested or not marketed because of economic conditions - 1977 Fall, Wis. 5,000 cwt; 1978 Fall, Minn. 28,000 cwt, Wis. 9,000 cwt. (a) Included with "Spring". (b) Included with "Fall". †† Data prior to 1984 not comparable to later years because of change from calendar to seasonal forecasts.

VEGETABLE CROPS FOR PROCESSING & FRESH MARKET—Cont.

CARROTS—PRODUCTION**—1,000 TONS (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Michigan	13.0	26.3	29.2	23.0	24.3	30.9	26.1	30.0	27.7	17.6
Minnesota	20.7	22.2	17.7	12.3	10.8	13.7	13.7	13.9	15.0	15.9
New York	8.6	13.7	12.1	10.3	11.3	15.3	15.3	19.5	12.5	18.1
Wisconsin	76.7	68.8	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
NORTHERN	118.9	130.9	58.9	45.6	46.4	59.9	55.2	63.4	55.2	51.7
California†	139.4	113.3	156.2	120.6	75.0	83.0	120.4	105.5	75.4	72.5
Oregon	22.6	19.5	27.6	27.1	36.8	41.0	21.6	21.5	21.6	19.6
Texas†	22.0	44.7	19.1	18.8	23.2	28.8	33.6	24.8	9.0	14.0
Washington	96.2	80.8	90.0	67.1	63.0	87.3	60.6	68.8	90.4	96.3
WESTERN	280.2	258.3	292.8	233.5	198.0	240.0	236.2	220.6	196.4	202.4
OTHER STATES	27.7	33.4	117.2	80.1	121.6	119.9	103.8	128.9	126.9	106.0
PROCESSING ...	426.8	422.5	469.0	359.2	366.0	419.8	395.2	412.9	378.6	360.1
FRESH MKT. ...	536.8	568.7	581.8	617.8	657.3	751.2	761.7	773.8	767.4	770.8
TOT. U.S.	963.6	991.2	1,050.7	976.9	1,023.3	1,171.0	1,156.9	1,186.7	1,145.9	1,130.8

CARROTS—VALUE PER TON**—DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Michigan	51.30	49.10	44.50	58.00	49.50	52.50	48.40	51.70	57.60	52.40
Minnesota	33.10	33.50	44.00	54.30	47.80	55.00	61.90	48.10	55.50	59.30
New York	44.60	46.50	50.00	59.30	62.90	62.10	68.10	64.50	63.70	67.00
Wisconsin	56.30	57.80	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
California†	49.50	55.00	49.60	55.60	58.60	64.60	69.40	74.90	81.80	90.00
Oregon	36.40	33.60	39.40	44.30	44.50	41.80	43.40	43.40	42.00	88.40
Texas†	31.80	33.70	36.40	42.00	42.60	22.00	22.00	22.00	24.00	22.00
Washington	30.60	31.70	29.30	34.40	39.40	36.20	40.10	50.40	53.40	42.00
Other States	44.20	51.90	60.10	68.00	68.00	67.50	68.20	71.50	69.20	64.90
U.S. PROC. AV. .	43.70	45.70	46.70	53.00	55.20	53.10	57.40	61.90	63.70	62.70

CARROTS—TOTAL VALUE**—1,000 DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Michigan	667	1,291	1,299	1,333	1,203	1,620	1,265	1,551	1,596	924
Minnesota	685	744	777	668	516	753	850	670	834	945
New York	381	635	604	611	711	953	1,043	1,258	796	1,211
Wisconsin	4,315	3,975	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
NORTHERN	6,048	6,645	2,680	2,612	2,430	3,326	3,158	3,479	3,226	3,080
California†	6,900	6,232	7,745	6,705	4,395	5,359	8,356	7,902	6,168	6,525
Oregon	823	655	1,086	1,198	1,639	1,712	937	933	909	1,734
Texas†	700	1,506	695	789	986	634	726	546	216	308
Washington	2,944	2,560	2,637	2,308	2,481	3,161	2,430	3,466	4,827	4,045
WESTERN	11,367	10,953	12,163	11,000	9,501	10,866	12,449	12,847	12,120	12,612
OTHER STATES	1,223	1,730	7,041	5,440	8,272	8,088	7,080	9,221	8,786	6,881
U.S. PROC.	18,638	19,328	21,884	19,052	20,203	22,280	22,687	25,547	24,132	22,573

**For Processing Only. (a) Included in "OTHER STATES".
later years due to change from calendar to seasonal forecasts.

† Data prior to 1984 not comparable with

CAULIFLOWER—HARVESTED ACREAGE*—1,000 ACRES (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<i>Winter (c)</i>	7.1	5.8	15.0	14.1	14.9	16.3	(b)	(b)	(b)	(b)
Arizona	1.1	1.0	1.8	1.6	1.7	1.5	(b)	(b)	(b)	(b)
California	5.9	4.3	12.8	11.8	12.8	14.1	(b)	(b)	(b)	(b)
Texas	.1	.5	.4	.7	.4	.7	(b)	(b)	(b)	(b)
<i>Spring (c)</i>	5.9	5.2	(c)	(c)	(c)	(c)	(b)	(b)	(b)	(b)
California	5.9	5.2	(c)	(c)	(c)	(c)	(b)	(b)	(b)	(b)
<i>Summer (b)</i>	7.9	10.9	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
California	6.8	9.9	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Michigan .....	.....	.....	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
New York	1.1	1.0	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Washington .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Fall (b)</i>	16.3	19.6	27.8	29.2	31.3	35.1	n.a.	n.a.	n.a.	n.a.
Arizona (d)	.3	.3	.4	.6	.5	.7	2.9	4.0	4.9	6.1
California	11.4	14.0	20.9	22.1	23.5	25.9	41.9	46.2	45.6	50.5
Michigan	1.0	1.1	1.1	1.0	1.2	1.5	1.4	1.5	1.5	.7
New York-LI	1.6	1.6	1.5	1.5	1.9	1.9	1.8	2.0	2.0	1.6
N.Y.-Upstate	1.6	1.6	1.5	1.7	1.7	1.8	1.7	1.9	1.9	1.5
Oregon	1.9	2.1	2.1	2.0	2.0	2.9	3.1	3.4	3.8	4.0
Texas	.1	.5	.3	.3	.5	.4	1.8	1.8	1.5	1.0
TOT. U.S.	37.2	41.5	42.8	43.3	46.2	51.4	54.6	60.8	61.2	65.4

CAULIFLOWER—YIELD PER ACRE*—HUNDREDWEIGHT

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<i>Winter (c)</i>	74	71	88	95	115	96	(b)	(b)	(b)	(b)
Arizona	68	68	89	110	120	135	(b)	(b)	(b)	(b)
California	75	70	90	94	115	93	(b)	(b)	(b)	(b)
Texas	91	80	18	78	76	77	(b)	(b)	(b)	(b)
<i>Spring (c)</i>	100	81	(c)	(c)	(c)	(c)	(b)	(b)	(b)	(b)
California	100	81	(c)	(c)	(c)	(c)	(b)	(b)	(b)	(b)
<i>Summer (b)</i>	101	105	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
California	105	110	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Michigan .....	.....	.....	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
New York	77	65	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Washington .....	.....	.....	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
<i>Fall (b)</i>	108	93	101	100	113	108	n.a.	n.a.	n.a.	n.a.
Arizona (d)	60	55	83	105	160	115	120	115	115	115
California	105	90	97	93	105	99	95	105	105	110
Michigan	50	50	70	50	62	58	55	65	65	55
New York-LI	125	100	90	104	135	125	120	130	110	120
N.Y.-Upstate	150	155	102	100	120	120	105	110	120	110
Oregon	150	155	170	195	195	200	150	195	170	115
Texas	70	18	40	85	80	90	91	82	80	92
U.S. AVG.	99	92	96	98	113	104	99	110	109	110

CAULIFLOWER—PRODUCTION**—1,000 TONS (Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
California	64.0	85.0	59.8	55.0	69.6	71.0	60.9	59.1	55.0	48.0
Michigan	1.4	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
New York	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	12.7	14.6	14.7	17.7	17.0	26.5	24.6	34.5	32.9	22.8
PROCESSING ...	78.1	99.6	74.5	72.7	86.6	97.5	85.5	93.6	87.9	70.8
FRESH MKT. ...	105.7	90.9	131.4	140.1	174.5	171.0	185.2	240.9	245.2	289.5
TOT. U.S.	183.7	190.4	205.9	212.8	261.1	268.5	270.7	334.5	333.1	360.3

CAULIFLOWER—VALUE PER TON**—DOLLARS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
California	208.00	220.00	214.00	248.00	254.00	275.00	270.00	292.00	294.00	303.00
Michigan	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
New York	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	143.00	170.00	148.00	174.00	193.00	192.00	207.00	222.00	213.00	200.00
U.S. PROC. AV. .	196.00	213.00	201.00	230.00	242.00	252.00	252.00	266.00	264.00	270.00

*For fresh market and processing. **For processing only. (a) Included in Other States.
 (b) Combined with Fall. (c) Combined with Winter. (d) Data prior to 1984 not comparable with later years
 due to change from calendar to seasonal forecasting.

VEGETABLE CROPS FOR PROCESSING & FRESH MARKET—Cont.

CAULIFLOWER—TOTAL VALUE—1,000 DOLLARS**

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
California	13,312	18,689	12,797	13,640	17,678	19,525	16,443	17,243	16,170	14,544
Michigan	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
New York	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	2,003	2,482	2,187	3,079	3,271	5,091	5,082	7,657	7,008	4,564
TOT U.S. PROC .	15,315	21,171	14,984	16,719	20,949	24,616	21,525	24,900	23,178	19,108

**For processing only. (a) Included in Other States.

***SWEET POTATOES—HARVESTED ACREAGE—1,000 ACRES**

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Maryland	1.6	1.4	1.4	1.3	1.3	1.3	1.1	1.1	1.1	.9
New Jersey	2.4	2.6	2.7	2.4	2.5	2.9	2.4	2.4	2.7	2.0
Virginia	5.0	4.2	3.9	2.1	2.3	2.2	1.2	.6	1.1	.9
MID ATL	9.0	8.2	8.0	5.8	6.1	6.4	4.7	4.1	4.9	3.8
N. Carolina	33.0	37.0	40.0	37.0	39.0	44.0	37.0	38.0	40.0	34.0
S. Carolina	2.7	2.8	3.1	2.5	3.5	5.3	4.0	5.0	5.0	4.0
Georgia	5.0	5.5	5.5	4.5	5.6	6.3	5.8	6.4	6.3	5.8
LOWER ATL	40.7	45.3	48.6	44.0	48.1	55.6	46.8	49.4	51.3	43.8
Alabama	5.3	5.5	5.7	5.3	5.4	5.5	4.9	5.9	6.4	6.3
Arkansas	1.0	.8	.7	.6	.....	.....	.....	.....	.....	.....
Louisiana	27.0	28.0	27.0	25.0	26.0	25.0	24.0	23.0	21.0	20.0
Mississippi	5.4	4.7	4.7	4.6	5.2	5.0	4.7	4.8	5.5	5.2
Tennessee	1.4	1.5	2.0	2.0	1.8	1.5	1.4	1.0	1.1	.9
Texas	9.5	9.5	7.9	6.5	7.8	7.2	7.1	7.3	7.7	7.3
S. CENTRAL	49.6	50.0	48.0	44.0	46.2	44.2	42.1	42.0	41.7	39.7
California	7.8	8.7	9.6	8.4	8.9	9.2	8.8	8.0	7.4	7.1
U.S.+	107.1	112.2	114.2	102.2	109.3	115.4	102.4	103.5	105.3	94.4

*All uses.

***SWEET POTATOES—YIELD PER ACRE—CWT**

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Maryland	155	160	155	150	175	195	165	160	165	130
New Jersey	105	110	115	115	110	110	90	110	125	110
Virginia	125	130	130	115	150	150	115	140	130	110
N. Carolina	130	130	120	115	120	135	120	135	150	145
S. Carolina	105	120	110	95	95	125	115	100	125	105
Georgia	90	110	115	100	115	130	125	140	160	130
Alabama	85	100	110	100	115	120	105	115	120	100
Arkansas	75	80	75	60	.....	.....	.....	.....	.....	.....
Louisiana	90	95	95	85	100	100	95	105	120	120
Mississippi	105	95	95	90	95	100	95	105	120	110
Tennessee	100	100	105	80	80	85	80	95	150	110
Texas	95	110	130	80	95	135	120	110	130	140
California	150	160	170	180	185	190	195	180	195	210
U.S. AVG.	111	117	117	107	117	129	118	125	141	135

*All uses.

SWEET POTATOES—PRODUCTION—1,000 CWT

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Maryland	248	224	217	195	228	254	182	176	182	117
New Jersey	252	286	311	276	275	319	216	264	338	220
Virginia	625	546	507	242	345	330	138	84	143	99
MID ATL	1,125	1,056	1,035	713	848	903	536	524	663	436
N. Carolina	4,290	4,810	4,800	4,255	4,680	5,940	4,440	5,130	6,000	4,930
S. Carolina	284	336	341	238	333	663	460	500	625	420
Georgia	450	605	633	450	644	819	725	896	1,008	754
LOWER ATL	5,024	5,751	5,774	4,943	5,657	7,422	5,625	6,526	7,633	6,104
Alabama	451	550	627	530	621	660	515	679	768	630
Arkansas	75	64	53	36	.....	.....	.....	.....	.....	.....
Louisiana	2,430	2,660	2,565	2,125	2,600	2,500	2,280	2,415	2,520	2,400
Mississippi	567	447	447	414	494	500	447	504	660	572
Tennessee	140	150	210	160	144	128	112	95	165	99
Texas	903	1,045	1,027	520	741	972	852	803	1,001	1,022
S. CENTRAL	4,566	4,916	4,929	3,785	4,600	4,760	4,206	4,496	5,114	4,723
California	1,170	1,392	1,632	1,512	1,647	1,748	1,716	1,440	1,443	1,491
U.S.†	11,885	13,115	13,370	10,953	12,752	14,833	12,083	12,986	14,853	12,754

MUSHROOMS—PRODUCTION, SALES, USE, VALUE

Source: Statistical Reporting Service U.S.D.A

Crop year beginning July 1 of year shown

	1977	1978	1979	1980	1981	1982	1983	1984	1985	*1986
Production Area—1,000 sq. ft.										
California	(a)	(a)	(a)	23,976	23,846	23,777	25,301	25,169	22,574	22,159
Pennsylvania	73,933	72,705	72,984	72,033	75,360	68,620	74,289	68,524	60,210	54,740
Other States	61,168	74,033	77,774	44,337	42,120	42,998	43,220	45,440	46,781	46,924
Total U.S.	135,101	146,738	150,758	140,346	141,326	135,395	142,810	139,133	129,565	123,823
Production—1,000 lbs.										
California	(a)	(a)	(a)	83,433	87,543	89,414	108,475	113,600	106,910	n.a.
Pennsylvania	220,058	213,790	213,709	237,463	273,048	246,582	279,654	275,196	256,160	n.a.
Other States	178,645	240,217	256,360	148,680	156,555	154,830	173,402	206,885	224,886	n.a.
Total U.S.	398,703	454,007	470,069	469,576	517,146	490,826	561,531	595,681	587,956	n.a.
Price Per Pound—Cents										
California	(a)	(a)	(a)	96.6	102.0	111.0	98.6	100.0	97.7	n.a.
Pennsylvania	72.3	71.5	66.3	67.4	65.8	70.0	73.4	67.5	66.6	n.a.
Other States	83.1	87.0	88.6	90.0	96.0	102.9	100.4	93.6	96.9	n.a.
Value of Production—\$1,000										
California	(a)	(a)	(a)	80,600	88,907	99,415	106,967	114,143	104,444	n.a.
Pennsylvania	159,058	152,893	141,601	160,019	179,557	172,607	205,196	185,801	170,705	n.a.
Other States	148,530	208,907	226,996	133,880	150,242	159,399	174,225	193,704	217,944	n.a.
Total U.S.	307,588	361,800	369,597	374,499	418,706	431,421	486,388	493,648	493,093	n.a.
Sales to Processors—1,000 lbs.										
Pennsylvania	144,798	152,568	143,660	149,602	152,907	117,251	124,979	115,529	99,981	n.a.
¹ Other East				13,864	9,898	10,503	11,240	15,787	16,938	n.a.
² Central	62,825	71,901	70,563	24,316	26,223	16,945	18,444	23,755	26,740	n.a.
³ West				6,742	8,986	8,893	18,793	20,697	17,093	n.a.
Total	207,623	224,469	214,223	194,524	198,014	153,592	173,456	175,768	160,752	n.a.
Price Per lb. to Proc.—Cents										
Pennsylvania	65.7	64.5	57.3	58.1	55.2	59.3	62.7	55.1	52.8	n.a.
¹ Other East				55.1	48.1	55.0	61.7	47.9	49.0	n.a.
² Central	64.2	63.6	58.3	61.4	59.7	72.3	73.4	65.7	61.9	n.a.
³ West				68.0	56.7	65.5	70.4	67.9	61.7	n.a.
U.S.	65.2	64.2	57.6	58.6	55.5	60.8	64.6	57.4	54.9	n.a.
Value of Proc. Sales—\$1,000										
Pennsylvania	95,125	98,335	82,249	86,919	84,405	69,530	78,362	63,656	52,790	n.a.
¹ Other East				7,635	4,761	5,773	6,931	7,559	8,296	n.a.
² Central	40,304	45,695	41,147	14,923	15,643	12,244	13,544	15,612	16,540	n.a.
³ West				4,583	5,092	5,826	13,224	14,059	10,553	n.a.
Total	135,429	144,030	123,396	114,060	109,901	93,373	112,061	100,886	88,179	n.a.
Sales to Fresh Market—1,000 lbs.										
Pennsylvania	75,260	61,222	70,049	87,861	120,141	129,331	154,675	159,667	156,179	n.a.
¹ Other East				42,016	47,763	44,515	51,530	63,198	65,606	n.a.
² Central	115,820	168,316	185,797	34,639	34,367	40,857	44,839	44,046	48,988	n.a.
³ West				110,536	116,861	122,531	137,031	153,002	156,431	n.a.
Total	191,080	229,538	255,846	275,052	319,132	337,234	388,075	419,913	427,204	n.a.

See footnotes on next page.

MUSHROOMS—PRODUCTION, SALES, USE, VALUE—Continued

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Price Per Lb. to Fresh Market—Cents										
Pennsylvania	84.9	89.1	84.7	83.2	79.2	79.7	82.0	76.5	75.5	n.a.
¹ Other East				101.0	100.0	112.0	106.0	94.1	108.0	n.a.
² Central	93.4	97.0	100.1	95.3	97.3	103.0	103.0	103.0	107.0	n.a.
³ West				101.0	113.0	117.0	107.0	108.0	105.0	n.a.
U.S.	90.1	94.9	95.8	94.7	96.8	100.0	96.5	93.5	94.8	n.a.
Value of Fresh Market Sales										
Pennsylvania	63,933	54,558	59,352	73,100	95,152	103,077	126,834	122,145	117,915	n.a.
¹ Other East				42,336	47,922	49,669	54,456	59,460	70,943	n.a.
² Central	108,226	163,212	185,849	33,003	33,445	41,951	46,108	45,551	52,333	n.a.
³ West				112,000	132,286	143,351	146,929	165,606	163,723	n.a.
Total	172,159	217,770	245,201	260,439	308,805	338,048	374,327	392,762	404,914	n.a.

(a) Included In Other States. n.a.—Not yet available. *Filling intentions - represents area intended for use during 1986-87 season. ¹Federal Regions I-IV including Conn., Del., Fla., Ga., Ky. (except 1982 & 83), Pa., Md., Mass., N.Y., N.J., Tenn., Va. and W. Va. (beginning 1982). ²Federal Regions V-VII including Ill., Ind., Iowa, Mich., Minn. (except 1982), Mo., Ohio, Wis. ³Federal Regions VI, VIII, IX, and X including Ark., Calif., Colo., Ore., Tex., Utah, Wash., La., Okla., Hawaii and S.D.

FRUIT CROPS—UTILIZATION, PRICE, VALUE

Source: Crop Reporting Board, Statistical Reporting Service, U.S.D.A.

APPLES—UTILIZED PRODUCTION, PRICE, VALUE

State	Utilized production			Price per pound			Value of utilized prod.		
	1984	1985	1986	1984	1985	1986	1984	1985	1986
	Million pounds			Cents			1,000 Dollars		
Arkansas	7.0	15.0	9.5	13.7	11.6	13.3	959	1,745	1,263
California	520.0	620.0	500.0	13.1	9.4	15.1	67,980	58,540	75,250
Colorado	65.0	110.0	18.0	11.1	9.5	12.5	7,185	10,504	2,242
Connecticut	47.0	40.0	46.0	16.4	16.6	19.5	7,713	6,623	8,952
Delaware	23.5	19.0	21.0	9.2	8.7	8.1	2,154	1,656	1,701
Georgia	45.0	19.0	29.0	8.4	11.2	14.7	3,760	2,131	4,272
Idaho	134.0	131.0	95.0	18.3	19.6	25.1	24,482	25,668	23,810
Illinois	90.0	102.0	90.0	15.2	12.2	16.0	13,637	12,472	14,360
Indiana	64.0	75.0	37.0	13.1	13.1	21.5	8,389	9,832	7,951
Iowa	4.8	12.0	5.4	19.3	15.4	26.8	926	1,842	1,449
Kansas	4.8	12.8	3.5	16.5	11.6	23.0	793	1,488	804
Kentucky	16.5	15.0	3.9	13.3	14.1	20.8	2,196	2,118	810
Maine	70.0	82.0	83.0	18.1	16.3	19.2	12,646	13,395	15,948
Maryland	80.0	76.0	85.0	11.4	10.2	12.1	9,135	7,764	10,270
Massachusetts	97.0	85.0	94.0	18.6	18.3	20.6	18,063	15,594	19,390
Michigan	770.0	1,070.0	700.0	8.0	7.4	9.7	61,960	79,165	68,000
Minnesota	15.0	21.0	18.0	23.5	22.0	24.7	3,518	4,612	4,454
Missouri	40.0	62.0	37.0	16.9	16.2	19.1	6,754	10,069	7,070
New Hampshire	50.0	55.0	50.0	18.6	18.6	20.6	9,314	10,230	10,300
New Jersey	110.0	103.0	100.0	12.7	11.8	14.9	14,014	12,128	14,900
New Mexico	8.0	10.0	6.0	17.5	12.8	19.0	1,400	1,280	1,140
New York	1,020.0	1,079.0	930.0	11.2	7.0	9.3	114,027	75,085	86,100
North Carolina	360.0	275.0	100.0	6.6	7.4	12.7	23,853	20,235	12,682
Ohio	135.0	145.0	90.0	16.1	14.4	17.6	21,738	20,810	15,878
Oregon	130.0	160.0	120.0	10.1	12.6	11.4	13,114	20,200	13,710
Pennsylvania	575.0	585.0	620.0	9.2	9.4	8.6	52,877	54,810	53,080
Rhode Island	5.0	4.0	5.0	20.3	21.8	24.0	1,014	872	1,202
South Carolina	43.0	15.0	30.0	12.2	11.0	12.7	5,228	1,645	3,816
Tennessee	11.5	10.0	8.5	16.1	13.6	17.9	1,846	1,358	1,519
Utah	45.0	55.0	34.0	10.3	12.1	14.6	4,650	6,650	4,960
Vermont	41.0	47.0	48.0	14.5	16.5	19.4	5,965	7,742	9,297
Virginia	465.0	388.0	470.0	9.7	9.8	12.9	45,135	38,216	60,810
Washington	2,950.0	2,050.0	3,100.0	11.1	17.0	13.7	326,220	348,740	425,820
West Virginia	225.0	230.0	235.0	10.6	9.8	15.7	23,778	22,532	36,900
Wisconsin	51.0	56.0	51.0	22.0	14.0	15.5	11,199	7,856	7,929
United States	8,318.1	7,833.8	7,872.8	11.2	11.7	13.1	927,622	915,607	1,028,039

APPLES—UTILIZATION, PRICE—SELECTED STATES

	UTILIZATION (million pounds)				PRICE (dollars per ton)			
	1982	1983	1984	1985	1982	1983	1984	1985
California								
Canned	70.0	80.0	80.0	100.0	155.00	157.00	143.00	135.00
Juice/cider	246.0	212.0	220.0	280.0	133.00	120.00	109.00	76.00
Frozen	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried	17.0	17.0	35.0	80.0	134.00	156.00	133.00	128.00
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Proc.	333.0	309.0	335.0	460.0	138.00	132.00	121.00	98.00
Fresh	147.0	151.0	185.0	160.0	420.00	448.00	514.00	450.00
Michigan								
Canned	143.0	115.0	138.0	205.0	127.00	124.00	138.00	130.00
Juice/cider	367.0	278.0	253.0	340.0	86.00	94.00	92.00	72.00
Frozen	96.0	82.0	85.0	88.0	144.00	180.00	166.00	142.00
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	9.0	5.0	4.0	2.0	120.00	102.00	110.00	94.00
Total Proc.	615.0	480.0	480.0	635.0	105.00	116.00	118.00	100.00
Fresh	365.0	270.0	290.0	435.0	194.00	220.00	232.00	218.00
New York								
Canned	310.0	250.0	213.0	280.0	124.00	116.00	132.00	110.00
Juice/cider	303.0	343.0	310.0	359.0	95.00	84.00	84.00	66.00
Frozen	43.0	34.0	56.0	26.0	134.00	138.00	126.00	126.00
Dried	32.0	21.0	26.0	16.0	118.00	130.00	124.00	114.00
Other	32.0	17.0	14.0	19.0	159.00	147.00	146.00	128.00
Total Proc.	720.0	665.0	619.0	700.0	114.00	102.00	107.00	89.00
Fresh	410.0	435.0	401.0	379.0	290.00	338.00	402.00	230.00
Pennsylvania								
Canned	215.8	201.1	228.2	234.1	135.00	119.00	138.00	135.00
Juice/cider	118.4	116.9	132.2	136.1	102.00	84.00	96.00	74.00
Frozen	1.1	1.2	3.9	2.0	150.00	144.00	160.00	152.00
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	5.9	5.8	3.7	2.8	112.00	84.00	96.00	68.00
Total Proc.	341.2	325.0	368.0	375.0	123.00	106.00	122.00	112.00
Fresh	183.8	175.0	207.0	210.0	302.00	288.00	294.00	322.00
Virginia								
Canned	191.0	186.6	163.0	146.5	131.00	106.00	130.00	164.00
Juice/cider	109.0	127.5	94.0	66.5	101.00	78.00	88.00	76.00
Frozen	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	2.5	9.5	12.0	10.0	87.00	92.00	92.00	100.00
Total Proc.	328.0	344.0	292.0	252.0	122.00	98.00	116.00	135.00
Fresh	172.0	111.0	173.0	136.0	330.00	328.00	326.00	310.00
Washington								
Canned	80.0	99.0	92.0	80.0	145.00	112.00	117.00	129.00
Juice/cider	331.0	440.0	432.0	236.0	112.00	85.00	70.00	78.00
Frozen	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	25.0	30.0	46.0	16.0	76.00	130.00	154.00	141.00
Total Proc.	585.0	800.0	778.0	460.0	121.00	94.00	96.00	105.00
Fresh	2,030.0	2,255.0	2,172.0	1,590.0	214.00	276.00	266.00	408.00
West Virginia								
Canned	94.7	103.4	89.4	58.6	134.00	118.00	182.00	140.00
Juice/cider	41.2	40.5	36.7	58.2	102.00	84.00	88.00	74.00
Frozen	16.4	11.7	13.0	13.2	148.00	146.00	150.00	144.00
Dried	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	.5	2.5	1.0	.5	106.00	100.00	108.00	92.00
Total Proc.	152.8	158.1	140.1	130.5	127.00	111.00	154.00	111.00
Fresh	87.2	57.9	84.9	99.5	294.00	270.00	306.00	306.00
United States								
Canned	1,248.6	1,200.8	1,176.7	1,275.4	132.00	117.00	137.00	132.00
Juice/cider	1,807.8	1,983.5	1,886.3	1,841.6	103.00	89.00	88.00	75.00
Frozen	190.8	169.6	198.1	174.3	143.00	161.00	151.00	139.00
Dried	209.9	283.3	288.6	242.4	132.00	106.00	123.00	132.00
Other	116.4	95.4	102.3	73.9	123.00	111.00	133.00	117.00
Total Proc.	3,573.5	3,732.6	3,652.0	3,607.6	118.00	103.00	111.00	103.00
Fresh	4,536.7	4,619.8	4,666.1	4,226.2	264.00	298.00	310.00	346.00

SWEET CHERRIES—UTILIZED* PRODUCTION, PRICE, VALUE

	1978	1979	1980	1981	1982	1983	1984	1985	1986
CALIFORNIA									
Fresh..... tons.....	11,000	18,000	30,400	24,000	9,700	12,900	27,600	19,350	6,600
Canned..... do.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Brined..... do.....	n.a.	15,500	13,600	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used..... do.....	14,000	34,300	44,000	32,750	12,300	16,800	37,200	23,500	8,400
Price Per Ton-Fresh.....	\$1,070	\$890	\$720	\$801	\$1,536	\$973	\$804	\$1,160	\$1,390
Price Per Ton-Proc.....	\$797	\$714	\$424	\$492	\$707	\$555	\$352	\$529	\$576
Price Per Ton-All.....	\$1,012	\$806	\$629	\$718	\$1,361	\$876	\$687	\$1,049	\$1,220
Value..... \$1,000	14,168	27,646	27,676	23,529	16,737	14,717	25,569	24,641	10,211
COLORADO									
Total Used..... tons.....	150	.....	.....	.....	.....	.....	.....	.....	.....
Value..... \$1,000	157	.....	.....	.....	.....	.....	.....	.....	.....
IDAHO									
Total Used..... tons.....	2,500	3,000	3,100	1,900	2,060	1,650	2,400	2,100	2,300
Value..... \$1,000	1,728	1,647	2,099	1,363	1,311	961	1,105	2,065	1,971
MICHIGAN									
Fresh..... tons.....	2,000	1,500	2,000	1,500	2,000	2,000	3,000	3,000	4,000
Canned..... do.....	5,500	5,100	8,500	5,500	3,300	3,700	5,300	4,600	2,000
Brined..... do.....	22,800	19,300	17,100	12,000	15,900	9,000	17,600	19,200	10,000
Total Used..... do.....	37,500	27,000	29,000	23,000	25,500	18,000	31,000	31,000	20,000
Price Per Ton-Fresh.....	\$490	\$590	\$1,200	\$582	\$850	\$792	\$892	\$752	\$800
Price Per Ton-Proc.....	\$456	\$396	\$291	\$361	\$360	\$418	\$373	\$473	\$520
Price Per Ton-All.....	\$458	\$407	\$354	\$375	\$398	\$460	\$423	\$500	\$576
Value..... \$1,000	17,175	10,989	10,266	8,635	10,160	8,272	13,120	15,500	11,520
MONTANA									
Total Used..... tons.....	1,850	2,950	700	1,240	3,100	1,365	1,400	3,500	1,000
Value..... \$1,000	1,297	2,012	435	882	1,934	624	932	2,255	480
NEW YORK									
Total Used..... tons.....	3,500	4,050	4,600	1,050	3,200	3,000	2,200	1,500	1,400
Value..... \$1,000	1,901	1,810	2,070	653	1,946	1,706	1,248	1,005	1,188
OREGON									
Fresh..... tons.....	8,900	8,600	7,400	6,600	11,500	9,500	10,000	4,000	8,500
Canned..... do.....	4,400	5,800	3,700	3,100	4,900	4,700	2,300	3,700	2,900
Brined..... do.....	18,850	21,300	18,850	24,800	17,800	21,800	14,800	17,800	24,300
Total Used..... do.....	35,000	38,000	31,800	37,000	35,000	42,000	29,500	27,000	38,000
Price Per Ton-Fresh.....	\$700	\$570	\$610	\$732	\$890	\$604	\$548	\$861	\$860
Price Per Ton-Proc.....	\$607	\$537	\$466	\$503	\$483	\$451	\$462	\$579	\$606
Price Per Ton-All.....	\$630	\$544	\$500	\$544	\$617	\$486	\$491	\$621	\$663
Value..... \$1,000	22,050	20,672	15,900	20,122	21,586	20,396	14,489	16,761	25,187
PENNSYLVANIA									
Total Used..... tons.....	580	730	700	300	580	750	900	500	1,000
Value..... \$1,000	550	819	763	344	796	1,095	1,098	655	1,270
UTAH									
Total Used..... tons.....	2,400	4,200	4,100	4,380	2,070	4,300	3,850	2,100	2,160
Value..... \$1,000	1,836	2,516	2,464	2,785	1,762	2,808	1,881	1,624	1,543
WASHINGTON									
Fresh..... tons.....	39,400	47,500	37,200	31,800	36,100	63,500	42,500	20,200	44,100
Canned..... do.....	2,400	3,600	2,200	1,700	2,500	2,700	1,800	3,000	2,500
Brined..... do.....	12,900	12,800	5,300	7,200	7,100	7,100	5,600	7,700	12,000
Total Used..... do.....	59,300	67,600	48,300	44,400	50,800	80,900	55,800	35,300	62,500
Price Per Ton-Fresh.....	\$879	\$670	\$715	\$1,134	\$885	\$774	\$868	\$1,430	\$1,140
Price Per Ton-Proc.....	\$620	\$463	\$319	\$430	\$404	\$377	\$283	\$506	\$498
Price Per Ton-All.....	\$792	\$608	\$624	\$934	\$746	\$689	\$729	\$1,035	\$951
Value..... \$1,000	46,966	41,101	30,139	41,479	37,888	55,709	40,654	36,527	59,437
UNITED STATES									
Fresh..... tons.....	66,670	83,830	84,460	70,238	67,610	95,090	90,490	53,040	68,620
Canned..... do.....	12,800	14,850	14,400	10,300	10,700	11,100	9,400	11,300	7,400
Brined..... do.....	62,050	75,100	59,500	55,017	45,650	45,273	50,450	51,410	50,240
Other Proc.....	15,260	8,050	7,940	10,465	10,650	17,302	13,910	10,750	10,500
Total Used..... do.....	156,780	181,830	166,300	146,020	134,610	168,765	164,250	126,500	136,760
Price Per Ton-Fresh.....	\$867	\$709	\$724	\$939	\$968	\$785	\$799	\$1,192	\$1,094
Price Per Ton-Proc.....	\$555	\$509	\$375	\$447	\$427	\$430	\$377	\$515	\$553
Price Per Ton-All.....	\$688	\$601	\$552	\$683	\$699	\$630	\$609	\$799	\$825
Value..... \$1,000	107,828	109,212	91,812	99,792	94,120	106,288	100,096	101,033	112,807

*See note on following page.

TART CHERRIES—UTILIZED PRODUCTION*, PRICE, VALUE

	1978	1979	1980	1981	1982	1983	1984	1985	1986
TART VARIETIES									
New York									
Total Used tons..	9,450	13,650	15,200	3,500	10,500	11,500	12,650	11,250	6,150
Price per Ton Dollars	858	924	382	902	296	920	444	512	460
Value \$1,000	8,178	12,613	5,806	3,156	3,112	10,585	5,625	5,764	2,835
Pennsylvania									
Total Used tons..	3,100	3,150	2,800	4,000	2,750	4,250	4,500	3,000	6,000
Price per Ton Dollars	834	992	550	912	414	946	526	536	506
Value \$1,000	2,585	3,125	1,540	3,650	1,137	4,020	2,387	1,608	3,040
Ohio									
Total Used tons..	100	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Price per Ton Dollars	1,200	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Value \$1,000	120	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Michigan									
Fresh tons..	1,500	1,000	2,000	1,000	2,500	1,000	2,500	2,500	1,500
Canned do..	17,000	14,500	26,000	13,500	27,500	9,000	27,000	22,500	15,000
Frozen do..	45,000	34,000	45,500	29,000	66,000	32,500	65,000	81,000	62,000
Total Used do..	64,000	50,000	74,500	44,000	97,500	43,500	97,500	107,500	82,500
Price per Ton Dollars	888	970	408	928	274	982	508	438	468
Value \$1,000	56,832	48,500	30,396	40,788	26,805	42,721	49,555	47,145	38,583
Wisconsin									
Total Used tons..	5,750	7,300	5,750	4,800	4,500	2,250	6,000	3,750	1,850
Price per Ton Dollars	912	902	372	896	260	992	488	414	426
Value \$1,000	5,244	6,585	2,139	4,305	1,171	2,232	2,922	1,549	788
Total Great Lakes									
Total Used tons	82,400	74,100	98,250	56,300	115,250	61,500	120,650	125,500	96,500
Value \$1,000	72,889	70,823	39,881	51,899	32,225	59,558	60,469	56,066	45,246
Colorado									
Total Used tons..	650	850	900	800	200	800	500	850	450
Price per Ton Dollars	832	884	434	606	376	838	500	458	798
Value \$1,000	541	751	391	484	75	671	250	390	359
Utah									
Total Used tons..	5,650	8,500	6,450	6,800	4,500	11,500	6,000	10,500	9,250
Price per Ton Dollars	780	872	378	744	342	804	480	460	382
Value \$1,000	4,407	7,412	2,438	5,065	1,536	9,254	2,879	4,832	3,533
Oregon									
Total Used tons..	1,900	1,750	2,500	2,500	2,500	3,000	800	3,250	3,000
Price per Ton Dollars	788	868	406	644	324	674	508	480	320
Value \$1,000	1,497	1,519	1,015	1,612	809	2,023	406	1,560	960
Total Western States									
Total Used tons	8,200	11,100	9,850	10,100	7,200	15,300	7,300	14,600	12,700
Value \$1,000	6,445	9,682	3,844	7,161	2,420	11,948	3,535	6,782	4,852
United States									
Fresh tons..	2,500	2,150	3,150	2,000	3,700	2,650	3,950	3,800	2,750
Canned do..	23,750	22,950	35,550	19,600	35,650	18,700	36,800	30,450	21,950
Frozen do..	63,150	58,150	67,700	43,750	80,400	52,600	83,300	103,400	79,750
Other Proc. do..	1,200	1,950	1,700	1,050	2,700	2,850	3,900	2,450	4,750
Total Used do..	90,600	85,200	108,100	66,400	122,450	76,800	127,950	140,100	109,200
Price per Ton Dollars	876	944	404	890	282	932	500	448	458
Value \$1,000	79,334	80,505	43,725	59,060	34,645	71,506	64,004	62,848	50,098

*Utilized Production is the amount sold plus quantities used at home or held in storage. Reference is to first utilization only. Some quantities used for freezing, juice, jam, jellies, brining, are included in state totals and United States "Other Proc." but excluded from state and area processing breakdown.

ORANGES—UTILIZED PRODUCTION, USE, PRICE, VALUE*

	1977	1978	1979	1980	1981	1982	1983	1984	1985
FLORIDA									
Temple									
Fresh	2,049	2,135	2,784	1,107	838	1,563	762	626	913
Processed	2,851	2,565	3,216	2,493	2,362	3,137	2,138	2,624	2,037
Total Prod.	4,900	4,700	6,000	3,600	3,200	4,700	2,900	3,250	2,950
Price per Box	5.35	6.49	4.57	6.00	5.89	5.97	7.41	8.07	5.39
Value of Prod.	26,215	30,503	27,420	21,595	18,862	28,056	21,489	26,225	15,909
Other Early & Midseason									
Fresh	5,750	6,325	6,476	5,788	4,929	6,067	4,939	4,418	5,121
Processed	82,550	84,675	111,424	99,812	69,071	64,133	64,761	50,582	59,079
Total Prod.	88,300	91,000	117,900	105,600	74,000	70,200	69,700	55,000	64,200
Price per Box	5.15	5.84	5.04	5.27	5.97	6.58	6.89	9.15	5.77
Value of Prod.	454,745	531,440	594,216	556,674	442,116	462,255	480,259	503,120	370,314
Valencia									
Fresh	4,216	5,376	4,514	2,488	2,691	4,253	2,701	2,234	3,762
Processed	75,284	67,624	84,286	64,312	49,109	65,147	44,299	46,666	51,038
Total Prod.	79,500	73,000	88,800	66,800	51,800	69,400	47,000	48,900	54,800
Price per Box	5.65	6.35	5.34	6.23	5.99	7.11	8.52	8.73	5.85
Value of Prod.	449,175	463,550	474,192	416,397	310,431	493,486	400,418	427,019	320,768
Total Florida									
Fresh	12,015	13,836	13,774	9,383	8,458	11,883	8,402	7,278	9,796
Processed	160,685	154,864	198,926	166,617	120,542	132,417	111,198	99,872	112,154
Total Prod.	172,700	168,700	212,700	176,000	129,000	144,300	119,600	107,150	121,950
Price per Box	5.39	6.36	5.15	5.65	5.98	6.82	7.54	8.93	5.80
Value of Prod.	930,135	1,025,493	1,095,828	994,666	771,409	983,797	902,166	956,364	706,991
CALIFORNIA									
Navel & Misc.									
Fresh	15,200	14,300	21,700	24,430	21,200	27,200	25,350	23,100	26,800
Processed	4,800	6,500	10,900	14,320	5,300	13,000	8,350	3,100	6,500
Total Prod.	20,000	20,800	32,600	38,750	26,500	40,200	33,700	26,200	33,300
Price per Box	5.99	7.05	3.93	4.01	7.22	4.61	5.57	11.36	7.22
Value of Prod.	119,800	146,640	128,118	155,341	191,436	185,328	187,721	297,610	240,340
Valencia									
Fresh	13,600	10,500	17,780	13,200	12,200	16,050	12,200	17,300	17,000
Processed	9,000	6,000	9,020	13,300	3,200	19,850	2,600	8,900	4,500
Total Prod.	22,600	16,500	26,800	26,500	15,400	35,900	14,800	26,200	21,500
Price per Box	5.76	6.67	3.75	5.15	11.51	3.66	14.22	7.95	5.75
Value of Prod.	130,176	110,055	100,500	136,456	177,304	131,371	210,440	208,360	123,580
Total California									
Fresh	28,800	24,800	39,480	37,630	33,400	43,250	37,550	40,400	43,800
Processed	13,800	12,500	19,920	27,620	8,500	32,850	10,950	12,000	11,000
Total Prod.	42,600	37,300	59,400	65,250	41,900	76,100	48,500	52,400	54,800
Price per Box	5.87	6.88	3.85	4.47	8.80	4.16	8.21	9.66	6.64
Value of Prod.	249,976	256,695	228,618	291,797	368,740	316,699	398,161	505,970	363,920
ARIZ. & TEX.†									
Fresh	5,805	3,740	4,280	4,530	5,440	5,885	2,900	1,930	2,150
Processed	3,915	5,560	3,250	2,400	3,550	3,595	1,410	520	460
Total Prod.	9,720	9,300	7,530	6,930	8,990	9,480	4,310	2,450	2,610
Price per Box	4.60	4.77	4.07	4.39	5.17	4.72	5.90	9.48	7.31
Value of Prod.	44,761	44,359	30,682	30,413	46,508	44,699	25,431	23,225	19,076
UNITED STATES									
Fresh	46,620	42,376	57,534	51,543	47,298	61,018	48,852	49,608	55,746
Processed	178,400	172,924	222,096	196,637	132,592	168,862	123,558	112,392	123,614
Total Prod.	225,020	215,300	279,630	248,180	179,890	229,880	172,410	162,000	179,360
Price per Box	5.44	6.16	4.85	5.30	6.60	5.85	7.69	9.17	6.08
Value of Prod.	1,224,872	1,326,547	1,355,128	1,316,876	1,186,657	1,345,195	1,325,758	1,465,559	1,089,987

*Season beginning year shown. Quantities are in units of 1,000 boxes. Price per Box in dollars, and Value of Production in thousands of dollars. Net weight per box—Florida-90 pounds; California and Arizona-75 pounds; Texas-85 pounds. † Arizona only in 1984.

PROCESSED FLORIDA ORANGES*

	1977	1978	1979	1980	1981	1982	1983	1984	1985
Frozen Conc.	132,222	130,183	174,883	145,309	105,150	114,627	94,547	86,112	96,061
Chilled Juice	25,345	22,793	24,428	19,640	16,293	18,084	16,981	14,903	(a)
Chilled Sec. & Salads	382	315	309	227	225	170	(a)	(a)	(a)
Other Processed	8,077	6,525	6,957	6,353	4,473	2,665	2,909	1,907	18,505
TOTAL	166,026	159,816	206,577	171,529	126,141	135,546	114,437	102,922	114,566

*Season beginning year shown. Quantities are in units of 1,000 boxes, net weight 90 lbs. per box. Includes tangelos, temples & honey tangerines thru 1974. Beginning 1975 also includes tangerines and K-Early citrus. (a) Included in "Other Processed".

GRAPEFRUIT—UTILIZED PRODUCTION, USE, PRICE, VALUE*

	1977	1978	1979	1980	1981	1982	1983	1984	1985
FLORIDA									
Pink Seedless									
Fresh	8,927	9,540	10,495	8,903	8,390	9,268	9,019	9,638	12,885
Processed	5,373	3,760	5,305	5,697	6,410	3,532	4,381	6,662	5,115
Total Prod	14,300	13,300	15,800	14,600	14,800	12,800	13,400	16,300	18,000
Price per Box, Fresh	3.14	4.29	5.76	6.98	6.24	5.70	6.65	8.05	7.30
Price per box, Proc. }			3.56	3.20	1.41	1.45	3.08	3.92	4.37
White Seedless									
Fresh	9,026	10,179	8,900	8,195	8,329	9,045	7,642	5,350	6,735
Processed	19,674	19,221	22,200	20,205	18,971	12,755	15,358	19,450	18,865
Total Prod	28,700	29,400	31,100	28,400	27,300	21,800	23,000	24,800	25,600
Price per box, Fresh	2.52	3.35	4.75	5.97	5.31	4.11	4.35	5.44	5.80
Price per box, Proc. }			4.13	4.29	2.39	1.97	3.16	4.32	4.83
Other Varieties									
Fresh	85	71	106	69	.....	.....	.....	.....	.....
Processed	8,315	7,229	7,794	7,231	6,000	4,800	4,500	2,900	3,150
Total Prod	8,400	7,300	7,900	7,300	6,000	4,800	4,500	2,900	3,150
Price per box, Fresh	2.45	2.94	(a)	(a)	.....	.....	.....	.....	.....
Price per box, Proc. }			4.19	4.17	2.43	2.00	3.41	4.08	4.77
Total Florida									
Fresh	18,038	19,790	19,501	17,167	16,719	18,313	16,661	14,988	19,620
Processed	33,362	30,210	35,299	33,133	31,381	21,087	24,239	29,012	27,130
Total Prod	51,400	50,000	54,800	50,300	48,100	39,400	40,900	44,000	46,750
Price per Box, Fresh	2.68	3.54	5.30	6.50	5.78	4.91	5.60	7.14	6.79
Price per Box, Proc. }			4.06	4.07	2.20	1.89	3.19	4.20	4.74
CALIFORNIA									
Desert Valleys									
Fresh	1,880	1,910	1,740	2,310	1,925	2,420	2,020	2,600	2,400
Processed	2,320	1,350	2,460	1,950	1,475	1,680	1,320	1,200	1,200
Total Prod	4,200	3,260	4,200	4,260	3,400	4,100	3,340	3,800	3,600
Price per Box, Fresh	1.73	3.64	4.66	7.19	5.28	4.70	6.68	9.48	9.77
Price per Box, Proc. }			.68	.97	.08	.12	-.08	1.09	.90
Other Varieties									
Fresh	2,560	1,780	1,720	2,180	1,780	2,000	2,600	3,600	3,500
Processed	1,600	1,090	1,580	1,620	970	1,200	1,300	1,400	1,300
Total Prod	4,160	2,870	3,300	3,800	2,750	3,200	3,900	5,000	4,800
Price per Box, Fresh	5.24	6.48	6.66	8.03	5.28	6.34	6.72	9.86	9.74
Price per Box, Proc. }			.62	.57	-.02	.04	-.16	1.06	.80
Total California									
Fresh	4,440	3,690	3,460	4,490	3,705	4,420	4,620	6,200	5,900
Processed	3,920	2,440	4,040	3,570	2,445	2,880	2,620	2,600	2,500
Total Prod	8,360	6,130	7,500	8,060	6,150	7,300	7,240	8,800	8,400
Price per Box, Fresh	3.48	4.97	5.65	7.60	5.28	5.44	6.70	9.70	9.75
Price per Box, Proc. }			.66	.79	.04	.09	-.12	1.07	.85
TEXAS									
Fresh	6,600	4,000	4,200	4,650	7,230	7,800	2,860	(b)	200
Processed	5,300	5,000	3,700	2,050	6,670	3,400	340	(b)	20
Total Prod	11,900	9,000	7,900	6,700	13,900	11,200	3,200	(b)	220
Price per Box, Fresh	1.58	1.96	3.93	4.50	3.61	2.66	3.14	(b)	9.93
Price per Box, Proc. }			2.63	3.09	1.81	1.00	1.19	(b)	4.48
ARIZONA									
Fresh	1,200	1,050	1,320	1,600	1,110	1,620	1,545	1,950	1,540
Processed	1,800	1,200	1,680	1,200	1,290	1,080	725	1,050	860
Total Prod	3,000	2,250	3,000	2,800	2,400	2,700	2,270	3,000	2,400
Price per Box, Fresh	1.34	2.89	5.03	6.11	5.01	4.17	5.88	8.10	7.14
Price per Box, Proc. }			.68	1.00	.08	.12	-.08	1.09	.82
UNITED STATES									
Fresh	30,278	28,530	28,481	27,907	28,764	32,153	25,686	23,138	27,260
Processed	44,382	38,850	44,719	39,953	41,786	28,447	27,924	32,662	30,510
Total Prod	74,660	67,380	73,200	67,860	70,550	60,600	53,610	55,800	57,770
Price per Box, Fresh	2.54		5.13	6.32	5.14	4.40	5.54	7.89	7.47
Price per Box, Proc. }			3.51	3.64	1.94	1.53	2.77	3.85	4.31

* Season beginning year shown. Quantities are in units of 1,000 boxes. Price per Box in dollars. Net weight per box — Florida, 85 pounds; Texas, 80 pounds; Calif. Desert Valleys and Arizona, 64 pounds; Other Calif., 67 pounds. (a) Insignificant and included with processed. (b) No commercial harvest due to freeze.

PROCESSED FLORIDA GRAPEFRUIT*

	1977	1978	1979	1980	1981	1982	1983	1984	1985
Frozen Conc	13,999	13,276	18,506	19,490	20,052	13,977	18,728	22,996	21,572
Chilled Juice	4,363	3,162	3,592	2,844	1,697	1,314	1,320	1,065	1,189
Chilled Sections & Salads ..	917	771	801	645	628	417	320	(a)	(a)
Other Processed	14,083	13,001	12,400	10,154	9,004	5,379	3,871	4,951	4,369
TOTAL	33,362	30,210	35,299	33,133	31,381	21,087	24,239	29,012	27,130

* Season beginning year shown. Quantities are in units of 1,000 boxes, net weight 85 lbs. per box. (a) Included with "Other Processed".

APRICOTS—UTILIZED PRODUCTION*, USE, PRICE, VALUE

	1978	1979	1980	1981	1982	1983	1984	1985	1986
WASHINGTON									
Fresh tons..	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Processed do..	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Total Used do..	2,700	2,500	2,500	1,300	2,900	2,900	3,400	2,400	4,300
Price per Ton Dollars	279	346	386	593	531	604	490	628	772
Value .....\$1,000	752	865	965	771	1,540	1,751	1,665	1,508	3,319
CALIFORNIA									
Fresh tons..	6,500	7,000	9,500	9,500	8,000	6,500	12,200	17,000	6,300
Canned do..	78,000	84,000	80,500	43,500	62,000	43,800	66,800	61,000	27,000
Dried do..	30,000	39,000	27,100	25,000	33,000	28,200	22,500	13,000	9,500
Frozen do..	8,500	10,000	7,900	8,500	12,000	11,000	11,500	12,000	7,200
Total Used do..	123,000	140,000	125,000	86,500	115,000	89,500	113,000	103,000	50,000
Price per Ton Dollars	247	265	288	308	299	306	302	255	370
Value .....\$1,000	30,381	37,037	36,000	26,615	34,337	27,404	34,178	26,276	18,501
UNITED STATES¹									
Fresh Tons..	9,200	10,890	13,130	12,230	10,810	10,550	15,780	19,980	10,650
Canned do..	78.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Frozen do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used do..	126,200	144,200	129,000	89,380	118,060	93,800	117,080	106,330	54,900
Price per Ton Dollars	249	269	291	311	304	315	308	265	416
Value .....\$1,000	31,364	38,718	37,505	27,765	35,933	29,519	36,081	28,137	22,029

*Utilized production is the amount sold plus quantities used at home or held in storage. Reference is to first utilization only. In Washington, some quantities used for juice, jam, dried or frozen are included with canned, and some quantities canned or otherwise processed are included with fresh to avoid disclosure of individual operations. ¹Includes Utah. (a) Not published to avoid disclosure of individual operations. n.a.—Not available.

CRANBERRIES—UTILIZED PRODUCTION*, USE, PRICE†, VALUE

	1978	1979	1980	1981	1982	1983	1984	1985	1986
MASSACHUSETTS									
Fresh 1,000 bbl..	247.0	130.0	110.0	205.0	169.0	177.0	170.0	167.0	n.a.
Processed do..	833.0	880.0	1,016.0	875.0	998.0	1,217.0	1,442.0	1,472.0	n.a.
Shrinkage do..	100.0	70.0	59.0	92.0	120.0	27.0	51.0	48.0	n.a.
Production Used do..	1,180.0	1,080.0	1,185.0	1,172.0	1,287.0	1,421.0	1,663.0	1,687.0	1,800.0
Price per bbl Dollars	21.60	26.60	33.50	41.50	46.30	51.70	54.50	54.80	n.a.
Value .....\$1,000	25,488	28,728	39,698	48,639	59,588	73,466	90,634	92,448	98,640
Harvested Acres do..	11,200	11,200	11,200	11,200	11,200	11,200	11,200	11,300	11,300
Yield per Acre bbl..	105.4	96.4	105.8	104.6	114.9	126.9	148.5	149.3	159.3
NEW JERSEY									
Fresh 1,000 bbl..	.....	.....	.....	.....	.....	n.a.	n.a.	n.a.	n.a.
Processed do..	218.5	248.0	240.1	223.5	289.0	229.0	271.8	319.0	n.a.
Shrinkage do..	4.5	5.0	4.9	4.5	6.0	4.0	2.2	1.0	n.a.
Production Used do..	223.0	253.0	245.0	228.0	295.0	233.0	274.0	320.0	325.0
Price per bbl Dollars	21.70	26.90	33.20	41.60	46.80	52.40	55.10	55.30	n.a.
Value .....\$1,000	4,839	6,806	8,134	9,485	13,806	12,209	15,097	17,696	17,973
Harvested Acres do..	3,000	3,000	2,900	2,900	3,000	3,100	3,200	3,300	3,300
Yield per Acre bbl..	74.3	84.3	84.5	78.6	98.3	75.2	85.6	97.0	98.5
WISCONSIN									
Fresh 1,000 bbl..	142.0	153.0	216.0	265.0	314.0	131.0	114.0	106.0	n.a.
Processed do..	652.0	720.0	821.0	665.0	953.0	958.0	1,058.0	1,096.0	n.a.
Shrinkage do..	28.0	28.0	43.0	38.0	33.0	43.0	28.0	28.0	n.a.
Production Used do..	822.0	901.0	1,080.0	968.0	1,300.0	1,132.0	1,200.0	1,230.0	1,225.0
Price per bbl Dollars	21.30	26.70	32.80	41.30	47.10	52.20	54.10	53.70	n.a.
Value .....\$1,000	17,509	24,057	35,424	39,988	61,261	59,107	64,960	66,017	65,783
Harvested Acres do..	7,000	7,100	7,200	7,100	7,200	7,300	7,400	7,500	7,900
Yield per Acre bbl..	117.4	126.9	150.0	136.3	180.6	115.1	162.2	164.0	155.1
WASHINGTON									
Fresh 1,000 bbl..	15.0	18.5	.....	9.5	11.0	13.3	9.8	40.7	n.a.
Processed do..	119.7	125.4	100.8	117.9	76.0	109.3	90.7	106.3	n.a.
Shrinkage do..	4.3	3.1	3.2	1.6	5.0	2.4	2.5	1.0	n.a.
Production Used do..	139.0	147.0	104.0	129.0	92.0	125.0	103.0	148.0	100.0
Price per bbl Dollars	21.70	26.70	33.10	41.70	47.10	52.50	55.40	55.50	n.a.
Value .....\$1,000	3,016	3,925	3,442	5,379	4,333	6,562	5,706	8,214	5,550
Harvested Acres do..	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,200	1,200
Yield per Acre bbl..	126.4	133.6	94.5	117.3	83.6	113.6	93.6	123.3	83.3

*Does not include quantities set aside under marketing order or other quantities not utilized. Marketing order set asides exported however are included. † Equivalent returns at first delivery point. ¹Season average prices not available, 1985 prices used to compute 1986 value.

CRANBERRIES—UTILIZED PRODUCTION*, USE —Continued

	1978	1979	1980	1981	1982	1983	1984	1985	1986
OREGON									
Fresh 1,000 bbl..	.....	.5	.1	.1	.1	n.a.	n.a.	.1	n.a.
Processed do..	94.5	93.6	81.7	95.7	64.8	74.8	82.0	99.9	n.a.
Shrinkage do..	.....	.4	1.7	.2	.1	.2	n.a.	n.a.	n.a.
Production Used do..	94.5	94.5	83.5	96.0	65.0	75.0	82.0	100.0	120.0
Price per bbl Dollars	21.70	26.70	33.10	41.70	47.10	52.50	55.40	55.50	n.a.
Value .....\$1,000	2,051	2,523	2,764	4,003	3,062	3,938	4,543	5,550	6,660
Harvested Acres	860	800	790	850	810	850	920	1,100	1,200
Yield per Acre bbl..	115.2	118.1	105.7	112.9	80.2	88.2	89.1	92.9	100.0
UNITED STATES									
Fresh 1,000 bbl..	404.0	302.0	326.1	479.6	494.1	321.3	293.8	313.8	n.a.
Processed do..	1,917.7	2,067.0	2,259.6	1,977.1	2,380.8	2,588.1	2,944.5	3,093.2	n.a.
Shrinkage do..	136.8	106.5	111.8	136.3	164.1	76.6	83.7	78.0	n.a.
Production Used do..	2,458.5	2,475.5	2,697.5	2,593.0	3,039.0	2,986.0	3,322.0	3,485.0	3,570.0
Price per bbl Dollars	21.50	26.70	33.20	41.50	46.70	52.00	54.50	54.50	n.a.
Value .....\$1,000	52,903	66,039	89,462	107,494	142,050	155,282	180,940	189,925	194,606
Harvested Acres	23,160	23,200	23,150	23,150	23,310	23,550	23,820	24,400	24,900
Yield per Acre bbl..	106.3	106.7	116.3	112.0	130.4	126.8	139.5	142.8	143.4

See notes on preceding page.

CALIFORNIA OLIVES — UTILIZED PRODUCTION, PRICE, VALUE

	1978	1979	1980	1981	1982	1983	1984	1985	1986
Fresh Tons..	800	500	300	300	500	400	400	500	500
Crushed/Oil do..	7,300	1,600	3,500	2,000	2,500	600	2,900	5,800	5,500
Canned do..	99,100	52,300	76,800	37,900	98,000	48,000	76,700	76,100	85,000
Other ¹ do..	18,800	7,600	28,400	4,700	45,500	12,000	10,600	13,600	20,000
Total Used do..	126,000	62,000	109,000	44,900	146,500	61,000	90,600	96,000	111,000
Price per Ton\$	303	408	368	695	517	519	560	559	480
Value .....\$1,000	38,178	25,296	40,137	31,222	75,795	31,641	50,712	53,635	53,290

¹Beginning in 1984 California Spanish Green, Sicilian Styles, chopped, minced, brined and other cures formerly included in "other" are included in "Canned". (a) Included in "other".

PEACHES — UTILIZED PRODUCTION, PRICE, VALUE

	1978	1979	1980	1981	1982	1983	1984	1985	1986
California — Clingstone									
Fresh Mil. Lbs.	4.6	2.4	2.2	3.0	2.0	.....	.....	.....	.....
Canned do..	1,094.0	1,299.2	1,376.1	1,086.3	920.0	614.5	952.0	910.0	842.0
Dried do..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Frozen do..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other do..	11.4	8.4	n.a.	n.a.	n.a.	n.a.	14.0	7.5	31.5
Total Used do..	1,110.0	1,310.0	1,382.0	1,106.0	943.0	619.0	966	917.5	873.5
Price per lb cents	8.10	8.90	9.40	10.40	9.20	9.00	10.00	11.0	9.8
Value .....\$1,000	89,910	116,590	129,908	115,072	86,820	55,710	96,600	100,925	85,603
California — Freestone									
Fresh Mil. Lbs.	224.0	274.0	290.0	286.0	266.0	303.0	313.0	315.0	302.0
Canned do..	65.0	74.0	78.0	42.2	40.0	36.0	36.0	50.0	48.0
Dried do..	35.0	33.0	34.0	34.8	45.0	36.0	28.0	32.5	32.5
Frozen do..	n.a.	n.a.	n.a.	71.0	64.0	60.0	80.0	88.5	112.5
Other do..	.....	.....	n.a.	n.a.	n.a.	n.a.	.....	.....	.....
Total Used do..	394.0	468.0	476.0	434.0	415.0	435.0	457.0	486.0	495.0
Price per lb cents	11.50	10.90	9.90	12.30	10.60	11.30	9.8	11.4	13.8
Value .....\$1,000	45,310	51,012	47,124	53,556	43,861	49,041	44,798	55,179	68,508
Total California									
Fresh Mil. Lbs.	228.6	276.4	292.2	289.0	268.0	303.0	313.0	315.0	302.0
Canned do..	1,159.0	1,373.2	1,454.1	1,128.5	960.0	650.5	988.0	960.0	890.0
Dried do..	35.0	33.0	34.0	34.8	45.0	36.0	28.0	32.5	32.5
Frozen do..	n.a.	n.a.	n.a.	n.a.	64.0	60.0	80.0	88.5	112.5
Other do..	11.4	8.4	n.a.	n.a.	21.0	4.5	14.0	7.5	31.5
Total Used do..	1,504.0	1,778.0	1,858.0	1,540.0	1,358.0	1,054.0	1,423.0	1,403.5	1,368.5
Price per lb cents	8.99	9.43	9.96	10.94	9.62	9.94	9.94	11.1	11.3
Value .....\$1,000	135,220	167,602	177,032	168,628	130,681	104,751	141,398	156,104	154,111
United States									
Fresh Mil. Lbs.	1,135.8	1,250.5	1,324.1	1,331.0	976.9	967.1	1,286.9	924.8	1,111.8
Canned do..	1,230.8	1,427.6	1,498.3	1,173.7	983.9	675.4	1,028.5	982.6	926.4
Dried do..	35.0	33.0	34.0	34.8	45.0	36.0	28.0	32.5	32.5
Frozen do..	69.8	93.5	77.1	78.3	70.5	64.3	89.0	93.3	136.3
Other do..	44.3	29.6	20.6	22.0	25.6	11.0	35.5	13.2	30.9
Total used do..	2,515.7	2,834.2	2,954.1	2,639.8	2,101.9	1,753.8	2,467.9	2,046.4	2,237.9
Price per lb cents	12.00	11.60	12.4	13.3	14.40	14.80	13.0	15.0	14.6
Value .....\$1,000	301,143	329,536	367,170	351,610	302,550	259,801	320,671	307,338	326,810

PEACHES—UTILIZED PRODUCTION, PRICE, VALUE

State	Utilized Production			Price Per Pound			Value Of Utilized Prod.		
	1984	1985	1986	1984	1985	1986	1984	1985	1986
	Million pounds			Cents			1,000 Dollars		
Alabama	22.0	1.5	6.0	14.4	30.5	27.2	3,168	458	1,632
Arkansas	21.0	4.5	9.5	16.9	17.2	17.3	3,554	776	1,643
California									
Freestone	457.0	486.0	495.0	9.8	11.4	13.8	44,798	55,179	68,508
Colorado	12.0	15.0	6.7	25.4	26.0	31.0	3,048	3,900	2,077
Connecticut	2.7	3.0	2.6	40.0	41.0	48.0	1,080	1,230	1,248
Delaware	1.6	1.2	2.7	22.0	26.2	18.5	352	314	500
Georgia	134.0	83.0	101.0	14.8	24.6	19.7	19,885	20,439	19,892
Idaho	7.5	10.0	11.0	17.2	19.6	23.6	1,290	1,960	2,596
Illinois	16.0	(a)	20.5	22.4	(a)	24.0	3,577	(a)	4,920
Indiana	.7	(a)	4.0	34.2	(a)	33.0	239	(a)	1,320
Kansas	2.5	3.0	4.5	32.0	25.1	37.0	800	753	1,665
Kentucky	3.0	(a)	2.0	24.0	(a)	20.4	720	(a)	408
Louisiana	7.0	6.0	.2	35.0	33.0	34.0	2,450	1,980	68
Maryland	18.0	1.0	20.0	19.3	26.2	20.4	3,472	262	4,088
Massachusetts	1.9	2.1	1.8	40.0	41.0	48.0	760	861	864
Michigan	45.0	55.0	50.0	17.1	20.9	17.7	7,700	11,515	8,864
Mississippi	5.0	2.5	.3	24.0	35.0	33.0	1,200	875	99
Missouri	13.0	(a)	12.0	17.0	(a)	21.0	2,210	(a)	2,520
New Jersey	50.0	90.0	100.0	28.6	28.3	23.6	14,310	25,454	23,643
New York	11.0	14.0	14.0	27.4	23.2	23.6	3,011	3,252	3,308
North Carolina	35.0	2.0	20.9	13.7	25.0	15.7	4,810	500	3,281
Ohio	(a)	(a)	2.5	(a)	(a)	29.0	(a)	(a)	725
Oklahoma	9.0	8.0	5.5	24.0	23.3	33.4	2,160	1,864	1,837
Oregon	13.0	14.5	13.0	28.5	29.0	27.3	3,710	4,199	3,554
Pennsylvania	85.0	37.4	100.0	19.3	25.1	18.2	16,402	9,376	18,179
South Carolina	400.0	220.0	248.0	13.4	20.2	16.0	53,464	44,460	39,700
Tennessee	9.0	(a)	3.7	21.0	(a)	24.0	1,890	(a)	888
Texas	21.0	26.0	9.5	26.0	28.0	39.0	5,460	7,280	3,705
Utah	12.0	10.5	10.5	15.0	17.0	17.7	1,800	1,785	1,859
Virginia	32.0	1.7	26.0	14.4	22.1	21.2	4,611	376	5,518
Washington	38.0	31.0	38.0	24.3	23.8	23.1	9,239	7,365	8,760
West Virginia	17.0	(a)	23.0	17.1	(a)	14.5	2,901	(a)	3,338
Total Above	1,501.9	1,128.9	1,364.4	14.9	18.3	17.7	224,071	206,413	241,207
California Clingstone	966.0	917.5	873.5	10.0	11.0	9.8	96,600	100,925	85,603
U.S.	2,467.9	2,046.4	2,237.9	13.0	15.0	14.6	320,671	307,338	326,810

(a) No significant commercial production due to frost.

PEARS — UTILIZED PRODUCTION, USE, PRICE, VALUE

	1978	1979	1980	1981	1982	1983	1984	1985	1986
Eastern & Central ¹ — All Varieties									
Fresh 1,000 Tons	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned do	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used do	33.8	31.3	35.0	30.6	36.1	31.2	35.6	27.8	33.6
Price per Ton Dollars	223.00	211.00	241.00	242.00	234.00	274.00	246.00	261.00	240.00
Value 1,000 \$	7,521	6,589	8,434	7,426	8,441	8,562	8,744	7,249	8,057
California — Bartlett									
Fresh 1,000 Tons	43.0	51.0	72.0	70.0	81.0	44.7	66.3	69.0	70.0
Canned† do	232.7	293.9	306.9	288.8	225.8	208.4	218.6	204.5	206.0
Dried do	5.3	10.1	8.1	7.2	7.2	6.4	4.6	8.5	9.0
Total Used do	281.0	355.0	387.0	366.0	314.0	259.5	289.5	282.0	285.0
Price per Ton Dollars	219.00	197.00	185.00	176.00	148.00	142.00	176.00	233.00	218.00
Value 1,000 \$	61,539	69,935	71,496	64,514	46,410	36,812	51,007	65,814	62,185

See notes next page.

PEARS — UTILIZED PRODUCTION, USE, PRICE, VALUE — Continued

	1978	1979	1980	1981	1982	1983	1984	1985	1986
California — Other Varieties									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total used do..	7.3	9.8	10.7	10.0	7.5	8.2	10.0	10.5	9.0
Price per Ton Dollars	278.00	208.00	159.00	177.00	234.00	331.00	253.00	373.00	526.00
Value 1,000\$	2,029	2,038	1,699	1,772	1,754	2,718	2,527	3,921	4,737
Total California									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total do..	288.3	364.8	397.7	376.0	321.5	267.7	299.5	292.5	294.0
Price per Ton Dollars	221.00	197.00	184.00	176.00	150.00	148.00	179.00	238.00	228.00
Value 1,000\$	63,568	71,973	73,195	66,286	48,164	39,530	53,534	69,735	66,922
Washington — Bartlett									
Fresh 1,000 Tons..	39.9	36.3	32.9	42.4	44.6	56.4	24.5	33.3	39.5
Canned† do..	92.1	116.7	110.1	102.1	96.7	84.4	76.5	77.7	86.5
Dried do..	†	†	†	†	†	†	†	†	†
Total used do..	132.0	153.0	143.0	144.5	141.3	140.8	101.0	111.0	126.0
Price per ton Dollars	205.00	180.00	185.00	147.00	154.00	180.00	218.00	248.00	240.00
Value 1,000\$	27,060	27,540	26,459	21,303	21,736	25,325	21,996	27,484	30,248
Washington — Other varieties									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total used do..	114.0	93.0	113.0	130.8	123.5	138.0	103.0	114.0	136.0
Price per Ton Dollars	228.00	269.00	249.00	260.00	245.00	171.00	325.00	365.00	352.00
Value 1,000\$	25,992	25,017	28,112	34,049	30,269	23,648	33,432	41,642	47,844
Total Washington									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned† do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total used do..	246.0	246.0	256.0	275.3	264.8	278.8	204.0	225.0	262.0
Price per ton Dollars	216.00	214.00	213.00	201.00	196.00	176.00	272.00	307.00	298.00
Value 1,000\$	53,052	52,557	54,571	55,352	52,005	48,973	55,428	69,126	78,092
Oregon — Bartlett									
Fresh 1,000 Tons..	13.0	16.1	13.0	23.8	24.5	22.0	12.7	17.0	20.0
Canned† do..	42.5	68.9	67.0	61.2	45.5	41.0	31.3	58.0	30.0
Dried do..	†	†	†	†	†	†	†	†	†
Total Used do..	55.5	85.0	80.0	85.0	70.0	63.0	44.0	75.0	50.0
Price per Ton Dollars	195.00	172.00	170.00	115.00	130.00	149.00	217.00	230.00	255.00
Value 1,000\$	10,823	14,620	13,604	9,805	9,104	9,400	9,569	17,282	12,770
Oregon — Other Varieties									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned† do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used do..	96.0	120.0	120.0	117.0	105.0	125.0	106.0	118.0	110.0
Price per Ton Dollars	237.00	224.00	202.00	224.00	268.00	188.00	288.00	302.00	396.00
Value 1,000\$	22,752	26,880	24,288	26,228	28,142	23,473	30,542	35,588	43,550
Total Oregon									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned† do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used do..	151.5	205.0	200.0	202.0	175.0	188.0	150.0	193.0	160.0
Price per Ton Dollars	222.00	202.00	189.00	178.00	213.00	175.00	267.00	274.00	352.00
Value 1,000\$	33,575	41,500	37,892	36,033	37,246	32,873	40,111	52,870	56,320
Total Western⁴									
Fresh 1,000 Tons..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dried do..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total Used do..	689.5	822.9	861.3	863.4	766.6	743.3	661.2	718.9	720.0
Price per Ton Dollars	219.00	204.00	194.00	185.00	181.00	166.00	228.00	270.00	281.00
Value 1,000\$	151,203	167,706	167,398	159,895	138,738	123,302	150,986	193,760	202,583
United States									
Fresh 1,000 Tons..	297.1	300.1	345.1	378.0	368.1	384.5	324.1	349.4	373.6
Canned† do..	426.2	554.1	551.3	516.0	434.6	390.0	372.7	397.3	379.9
Dried do..	†	†	†	†	†	†	†	†	†
Total Used do..	723.3	854.2	896.4	894.0	802.7	774.5	696.8	746.7	753.6
Price per Ton Dollars	219.00	204.00	196.00	187.00	183.00	170.00	229.00	269.00	280.00
Value 1,000\$	158,724	174,295	175,832	167,321	147,179	131,864	159,730	201,009	210,640

¹Includes Conn., N.Y., Pa., and Mich. † Some Quantities otherwise processed may be included with canned to avoid disclosure of individual operations. ⁴Includes Idaho, Colo., Utah, Wash., Ore., Calif.

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Section VIII U. S. PACK STATISTICS

The canned fruit and vegetable packs published herein are taken from reports of the Nat'l Food Processors Assn. and represent packs of all known Cannerys of the products.

GLASS - Although the pack in glass containers has been reported separately wherever feasible, it has been combined, in most instances, with that of tin containers of the same approximate size. When tin and glass are combined, or when two or more container sizes are combined, the order of listing indicates the relative importance of each.

The Frozen Food pack statistics were compiled by the American Frozen Food Institute. Data represent only the commercial pack and do not include production in frozen food locker plants nor custom freezing for industrial users.

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CANNED VEGETABLE PACKS

REGIONAL DEFINITIONS - With the 1984 pack reports NFPA established the following regional definitions for all NFPA statistical reports (and adjusted 1982 and 1983 figures accordingly):

EAST - ME, NH, VT, MA, CT, RI, NY, PA, NJ, DE, MD, VA, WV

SOUTH - NC, SC, GA, FL, AL, MS, TN, AR, LA, OK, TX, KY

MIDWEST - OH, IN, MI, IL, WI, MN, IA, MO, ND, SD, NE, KS

WEST - WA, OR, CA, ID, NV, MT, WY, UT, CO, AZ, AK, NM, HI

The uninitiated will no longer be able to determine the major packing states of a specific commodity from these tables. To make this determination, Almanac users are referred to Section VII "Raw Product Statistics".

SUMMARY OF CANNED VEGETABLE PACKS

PLEASE NOTE: The vegetable packs in this section are rounded to the nearest thousand cases. Column totals therefore will not necessarily agree exactly with totals shown. In comparing yearly totals, notice the declining number of products included as result of discontinued reports.

Thousands of Cases, basis 24 No. 303 Cans. Figures Rounded

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Asparagus.....	3,705	3,382	2,819	2,535	2,844	2,727	2,549	2,928	3,097	3,154
Beans, green.....	50,952	53,229	62,624	54,769	49,797	46,335	44,227	49,566	53,229	46,915
Beans, wax.....	3,541	3,892	3,657	3,384	3,012	2,496	2,279	2,523	2,274	1,935
Beans, Lima.....	2,657	3,356	3,061	2,833	2,602	2,275	2,338	2,316	1,966	1,738
Beets(a).....	11,289	12,973	15,103	10,878	9,657	10,868	9,039	9,292	9,386	P
Carrots(a).....	6,586	6,250	7,267	4,365	5,251	5,932	4,695	5,100	4,486	P
Carrots & Peas...	1,658	1,765	2,096	1,624	1,360	D	D	D	D	D
Corn, sweet.....	56,300	57,907	60,022	50,574	57,949	60,522	51,595	56,879	55,729	55,090
Leafy greens.....	2,632	2,880	3,195	2,624	2,120	1,584	D	D	D	D
Okra.....	225	257	436	391	264	359	D	D	D	D
Okra & Tom.....	261	187					D	D	D	D
Peas, field.....	2,223	2,364	2,542	1,965	2,895	1,998	D	D	D	D
Peas, green.....	30,238	25,269	36,492	30,056	27,296	24,790	(c)20,827	23,312	29,306	20,919
Pimientos.....	407	376	530	540	608	756	D	D	D	D
Potatoes, swt(a)...	7,194	9,436	9,174	5,917	7,955	7,049	5,315	5,283	6,149	7,469
Potatoes, wht(a)...	7,126	6,693	6,517	5,857	7,103	5,714	D	D	D	D
Pump. & Sq.....	2,962	3,353	3,997	3,744	3,975	4,404	D	D	D	D
Sauerkraut (a)...	9,419	9,509	9,016	8,173	8,686	8,417	5,844	7,011	7,687	P
Spinach (a).....	7,108	6,214	8,121	6,314	5,458	D	D	D	D	D
Succotash (b)....	209	142	771	828	777	D	D	D	D	D
Tomatoes*.....	54,124	49,241	52,896	53,096	51,937	63,089	61,561	66,376	59,585	63,148
T. Juice.....	27,844	33,920	31,517	27,617	17,507	23,955	D	D	D	D
T. Chili Sc.....	1,776	2,834	1,977	2,038	1,680	1,826	1,665	1,965	2,086	2,326
T. Puree.....	9,824	8,425	10,395	8,141	6,900	9,788	8,703	(d)	(d)	(d)
Total 303's.....	300,260	303,834	334,211	288,267	277,633	284,884	220,637	232,551	234,980	P
Total 2's.....	246,213	248,775	274,721	236,952	228,214	234,175	181,364	191,157	198,154	P
Total a/c.....	267,650	268,659	294,836	255,389	248,611	248,882	191,396	204,222	207,450	P
*Products in tota.	24	24	24	24	24	21	13	12	12	P

(D) Reports discontinued to avoid disclosure.
shown. (b) Single & triple. c - corrected.

(P) Not available at press time. (a) Pack beginning year shown.

(d) Total U.S. figure discontinued, 303 conversion for Calif not available. *Includes concentrated crushed tomatoes.

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ASPARAGUS PACKS IN THE UNITED STATES*

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans.

1940 3,974	1946 5,583	1952 5,312	1958 7,540	1964 8,217	1970 5,913
1941 3,907	1947 4,677	1953 4,902	1959 7,086	1965 7,208	1971 5,542
1942 5,138	1948 4,417	1954 6,073	1960 7,971	1966 7,896	1972 5,860
1943 4,710	1949 5,390	1955 7,623	1961 8,357	1967 6,638	1973 5,794
1944 5,114	1950 5,531	1956 6,615	1962 9,053	1968 6,925	1974 5,643
1945 5,302	1951 5,850	1957 7,093	1963 9,263	1969 6,817	1975 3,551

*Green asparagus only beginning in 1971.

GREEN ASPARAGUS PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded—Season beginning March 1 of Year Shown)

Units per case & Sz. of Cont.	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
24/8Z	430	77	299	248	190	(c)	(c)	(c)	(c)	240
48/1 Pic	390	399	405	312	265	348	298	313	(c)	(c)
24/300-300 cyl.	2,472	2,179	1,781	1,775	1,935	1,673	1,510	1,870	2,071	2,075
24/15z	126	131	114	145	(a)	(a)	(a)	(a)	(a)	(a)
6/5 Squat	143	84	113	76	(b)	(b)	(b)	(b)	50	(b)
6/10	208	196	178	104	127	159	219	217	36	54
Misc. T&G	146	107	19	13	16	261	238	149	595	446
Total Act. Cs	3,914	3,603	2,909	2,673	2,533	2,441	2,265	2,548	2,752	2,815
Total bas. 303's ..	3,705	3,382	2,819	2,535	2,844	2,727	2,549	2,928	3,097	3,154

(a) Included in 24/300. (b) Included in 6/10. (c) Included in Misc. (24/10½ & 12/12½-13).

GREEN ASPARAGUS PACKS BY STATE & STYLE

(Thousands of Actual Cases—Figures Rounded—Season Beginning March of Year Shown)

BY STATE	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
East	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.....	(c)
Illinois	407	363	318	(a)	(a)	(a)	(a)	(b)	(b)	(b)
Michigan	917	1,104	744	638	553	640	777	(b)	(b)	(b)
Midwest .....	.....	.....	.....	.....	.....	.....	.....	1,137	1,054	1,131
Wash. & Ore.	1,544	1,514	1,302	1,253	1,377	1,355	1,146	(c)	(c)	(c)
California	742	330	(a)	(a)	(a)	(a)	(a)	(c)	(c)	(c)
West .....	.....	.....	.....	.....	.....	.....	.....	1,392	1,698	1,684
Other	304	292	545	415	603	446	342	19	.....	(c)
Total	3,914	3,603	2,909	2,673	2,533	2,441	2,265	2,548	2,752	2,815
BY STYLE									n.a.	n.a.
Spears & Points. . .	2,061	1,487	1,079	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cut	1,741	2,000	1,772	n.a.	n.p.	n.a.	n.a.	n.a.	n.a.	n.a.
Cuts, Tps Rm.	112	116	58	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

(a) In "Other". (b) In Midwest. (c) In West. n.a. Not available.

ASPARAGUS CARRYOVER—PACK—STOCK—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded—Season Beginning Year Shown)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Carryover 3/1	312	668	1,026	1,093	707	594	797	685	673	785
Pack	3,914	3,603	2,909	2,673	2,533	2,441	2,265	2,548	2,752	2,815
Tot. Cner. Sup	4,226	4,272	3,935	3,766	3,240	3,036	3,063	3,233	3,425	3,600
CANNERS STOCKS										
Jan. 1	1,129	1,511	1,633	1,243	993	1,149	1,070	1,068	1,272	1,166
March 1	668	1,026	1,093	707	594	797	685	673	785	645
CANNER SHIPMENTS										
Mar. 1 to Jan. 1. . .	3,097	2,761	2,302	2,523	2,248	1,887	1,993	2,165	2,153	2,434
Jan. 1 to Mar. 1. . .	461	485	540	536	398	352	385	396	487	521
Mar. 1 to Mar. 1. . .	3,558	3,246	2,842	3,059	2,646	2,238	2,378	2,561	2,640	2,955
EXPORTS**	105	148	176	188	205	112	99	89	65	58
GOV. PURCHASES**										
Armed Forces. ....	.....	65.5	19.1	26.8	.....	37.8	23.3	43.2	21.4	18.3
USDA .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vet. Adm.	34.3	25.9	22.4	21.0	18.0	n.a.	n.a.	n.a.	n.a.	n.a.

**Basis 1,000 cases 24/303, season beginning year shown. Calendar year for exports. n.a. Not available.

GREEN BEAN PACKS IN THE U.S.

Thousands of Cases, basis 24 No. 303 Cans.

1926	4,157	1935	7,358	1944	20,307	1953	23,902	1962	32,601	1971	45,213
1927	4,924	1936	6,924	1945	19,534	1954	29,137	1963	34,049	1972	44,383
1928	6,377	1937	10,591	1946	20,077	1955	25,521	1964	33,087	1973	50,887
1929	8,839	1938	1,111	1947	13,296	1956	25,598	1965	41,024	1974	57,971
1930	8,222	1939	8,953	1948	15,477	1957	27,292	1966	36,564	1975	51,466
1931	5,943	1940	10,406	1949	22,142	1958	29,118	1967	48,150	1976	44,027
1932	4,191	1941	14,241	1950	23,212	1959	27,473	1968	47,136	1977	50,952
1933	5,910	1942	26,374	1951	20,797	1960	29,292	1969	42,481	1978	53,229
1934	6,292	1943	25,203	1952	16,848	1961	36,107	1970	43,189	1979	62,624

GREEN BEAN PACKS BY REGION*

Calendar Year. Thousands of Actual* Cases.

REGION*	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
East	9,257	10,147	n.a.	n.a.	6,625	7,925	5,753	5,267	5,986	4,539
Midwest	23,198	22,812	n.a.	n.a.	26,059	25,559	25,263	28,613	31,704	27,944
South	5,246	5,702	n.a.	n.a.	5,088	3,021	3,423	4,343	3,590	(c)
West	9,151	8,843	n.a.	n.a.	7,467	5,940	5,910	6,192	6,392	10,216
Tot. actual cases	46,852	48,504	55,865	49,904	45,240	42,446	40,348	44,415	47,673	42,698
Tot. basis 303's	50,952	53,229	62,624	54,769	49,797	46,335	44,227	49,566	53,229	46,915

GREEN BEAN PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

Units per Case & Size of Cont.	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
24/8Z	3,614	3,557	4,125	3,667	2,763	3,176	3,149	3,473	2,575	2,425
24/300-303	33,492	34,161	37,393	34,967	32,703	30,432	28,302	29,685	33,980	31,431
24/2½	932	959	967	709	1,092	(b)	440	(b)	(b)	(b)
6/10	8,282	9,212	12,928	9,787	8,120	7,665	8,134	9,935	10,102	7,991
Misc. Tin & Gl	532	615	454	775	561	1,173	323	1,321	1,015	850
Total	46,852	48,504	55,865	49,904	45,240	42,446	40,348	44,415	47,673	42,698

GREEN BEAN PACKS BY STYLE AND QUALITY

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Whole	2,463	2,272	2,672	2,035	1,537	1,889	1,318	1,750	1,972	1,346
Fr. Style	12,112	11,488	12,171	10,951	9,401	10,495	9,590	9,761	10,577	9,977
Fancy Cut	21,460	23,392	28,192	25,368	22,786	20,532	19,309	22,279	24,753	22,862
Ex. Std. Cut	7,439	7,512	9,076	8,539	8,986	6,633	7,452	7,979	8,053	6,260
Std. cut	3,378	3,841	3,754	3,011	2,530	2,898	2,679	2,645	2,317	2,252
Total	46,852	48,504	55,865	49,904	45,240	42,446	40,348	44,415	47,673	42,698

WAX BEAN PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l. Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's multiply by .822

1926	769	1935	1,379	1944	1,893	1953	3,683	1962	4,265	1971	4,797
1927	780	1936	1,164	1945	1,651	1954	3,887	1963	3,618	1972	3,173
1928	1,206	1937	1,672	1946	2,300	1955	2,992	1964	3,745	1973	4,115
1929	1,562	1938	220	1947	2,675	1956	3,660	1965	4,603	1974	4,348
1930	1,844	1939	140	1948	3,035	1957	4,628	1966	3,972	1975	3,924
1931	1,459	1940	1,548	1949	3,047	1958	3,117	1967	5,023	1976	3,394
1932	717	1941	2,061	1950	2,358	1959	3,426	1968	4,706	1977	3,541
1933	839	1942	2,650	1951	2,920	1960	3,862	1969	4,858	1978	3,892
1934	1,395	1943	2,751	1952	3,094	1961	4,056	1970	4,382	1979	3,657

WAX BEAN PACKS BY REGION*

Calendar year. Thousands of Actual* Cases.

REGION*	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
East	1,162	1,329	n.a.	n.a.	875	852	615	730	703	543
Midwest	1,789	1,929	n.a.	n.a.	1,608	1,088	1,110	1,282	1,037	889
South			n.a.	n.a.	0	215	160	145	194	183
West	195	215	n.a.	n.a.	166	(a)	(a)	(a)	(a)	(a)
Tot Actual Cses.	3,146	3,473	3,225	2,916	2,648	2,155	1,886	2,157	1,934	1,615
Tot Basis 303	3,541	3,892	3,657	3,384	3,012	2,496	2,279	2,523	2,274	1,935

*Regional tables were revised in 1985 Almanac to agree with new NFPA regional definitions (See beginning of this section VIII). (a) Included in South. (b) Included in Misc. (c) Included in West. n.a.-Not available.

WAX BEAN PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

Units to Case & Size of Cont.	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
24/8Z	297	362	363	240	213	215	115	175	170	138
24/303	1,941	2,105	1,881	1,736	1,688	1,226	1,046	1,259	1,096	856
6/10	866	909	972	931	742	714	720	723	624	621
Misc. Tin & Gl ...	42	97	10	9	5	.....	4	.....	44	.....
Total	3,146	3,473	3,225	2,916	2,648	2,155	1,885	2,157	1,934	1,615

WAX BEAN PACKS BY STYLE & QUALITY

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Whole	46	123	22	34	38	11	12	38	8	5
Fr. Style	208	203	234	169	131	102	70	98	110	89
Fancy Cut	1,935	2,024	2,119	1,771	1,686	1,403	1,044	1,313	1,277	1,022
Ex. Std. Cut	657	822	630	713	675	480	596	554	391	394
Std. Cut	299	300	221	229	118	159	164	153	148	104
Total	3,146	3,473	3,225	2,916	2,648	2,155	1,885	2,157	1,934	1,615

GREEN & WAX BEANS—CARRYOVER, PACK, STOCKS, SHIPMENTS

Source: U.S. Department of Commerce, Office of Domestic Commerce, Bureau of Census
and the National Food Processors Association

(Thousands of Actual Cases—Figures Rounded. Season beginning year shown)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Carryover 7/1	5,477	4,976	6,102	9,913	14,012	11,071	7,460	3,945	6,894	9,805
Pack 7/1-11/1	47,290	49,871	55,808	52,221	45,342	43,168	41,584	45,220	48,274	42,624
Pack 11/1-1/1	893	768	912	600	176	73	185	242	.....	266
Pack 1/1-7/1	1,338	2,371	1,289	2,369	1,361	465	1,110	1,333	1,423	P
Canner Supply	54,998	57,985	64,110	65,103	60,892	54,776	50,339	50,740	56,591	+58,819
CANNER SHIPMENTS										
7/1 to 11/1	18,338	19,126	19,568	17,926	16,638	15,246	17,297	15,875	17,196	17,782
11/1 to 1/1	7,204	8,501	8,150	8,891	8,345	8,537	7,327	7,171	7,662	8,171
January	4,328	4,300	5,364	4,361	4,950	4,414	4,454	4,772	4,140	5,478
February	4,603	4,959	4,700	5,029	4,101	4,195	4,258	4,308	3,758	4,042
March	4,610	4,783	4,578	4,498	4,970	4,207	3,459	3,794	3,991	3,676
April	(a)	(a)	(a)	4,009	3,649	3,666	3,475	3,212	3,391	P
May	7,825	7,699	8,773	3,796	4,425	4,094	3,451	3,182	3,763	P
June	3,115	2,516	3,064	2,579	2,743	2,957	2,673	1,531	2,885	P
7/1 to 7/1	50,023	51,884	54,198	51,990	49,821	47,316	46,394	43,846	46,785	P
CANNER STOCKS*										
November 1	34,429	35,720	42,341	44,207	42,717	38,993	31,747	33,290	37,972	34,647
January 1	28,118	27,987	35,103	35,917	34,548	30,528	24,605	26,361	30,310	26,743
February	23,791	23,688	29,739	31,555	29,597	26,114	20,151	21,589	26,170	21,264
March	19,187	18,729	25,039	26,526	25,497	21,919	15,893	17,281	22,412	17,222
April	14,577	13,946	20,460	22,028	20,526	17,712	12,434	13,487	18,421	13,547
May	n.a.	n.a.	n.a.	18,018	16,878	14,047	8,959	10,275	15,031	P
June	7,490	7,477	11,687	14,222	12,543	9,952	5,724	7,220	11,268	P
July	4,976	6,102	9,913	14,012	11,071	7,460	3,945	6,894	9,805	P
EXPORTS**	1,051	1,038	890	809	876	1,047	651	663	635	718
GOV. PURCHASES**										
Armed Forces	338.7	370.6	367.0	450.7	340.4	357.7	421.7	263.9	399.3	233.1
USDA	983.4	81.2	1,289.4	966.9	1,121.9	1,096.9	913.8	1,099.1	882	+925.7
Vet. Adm.	76.8	105.2	80.4	69.5	72.7	n.a.	n.a.	n.a.	n.a.	n.a.

*Figures reflect Spring pack as reported.
n.a.—Not available. (a) Included in May.
year shown. Calendar year for Exports.

† Supply to 3/1/87.
‡ July 1 to Mar. 31.

P—Not available at press time 6/15/87.
**Basis 1,000 24/303. Season beginning

FRESH LIMA BEAN PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis No. 303 Cans. To convert to 2's, multiply by .822

1934	1,609	1941	2,912	1948	3,021	1955	3,424	1962	3,615	1969	3,596
1935	1,447	1942	3,083	1949	5,332	1956	4,142	1963	3,089	1970	2,776
1936	1,892	1943	2,292	1950	3,940	1957	3,071	1964	2,213	1971	3,116
1937	1,845	1944	2,009	1951	3,599	1958	3,005	1965	2,981	1972	2,116
1938	2,343	1945	1,928	1952	2,826	1959	3,282	1966	3,531	1973	3,150
1939	2,441	1946	2,131	1953	3,764	1960	2,754	1967	3,963	1974	2,523
1940	2,430	1947	2,689	1954	4,294	1961	4,250	1968	3,818	1975	3,729
										1976	2,812

FRESH LIMA BEAN PACKS BY SIZE OF CONTAINER AND REGION*

(Thousands of Actual Cases—Figures Rounded, Season beginning Year Shown)

Units to Case & Size of Container	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
24/8Z	568	579	530	621	(a)	(a)	(a)	(a)	(a)	(a)
24/300-303	1,676	2,171	1,975	1,791	1,711	1,356	1,349	1,454	1,221	1,150
6/10	425	547	502	445	398	452	468	412	324	248
Misc. Tin & Gl				2	478	351	438	375	424	352
East ¹	466	888	655	652	571	593	(a)	(a)	(a)	(a)
Midwest ²	1,360	(a)	(a)	(a)	(a)	615	382	526	523	486
Other ³	843	2,410	2,352	2,205	2,016	952	1,873	1,715	1,446	1,265
Tot. Act. Cs.	2,669	3,298	3,007	2,858	2,587	2,160	2,255	2,241	1,969	1,751
Tot. 24/303	2,657	3,356	3,061	2,833	2,602	2,275	2,338	2,316	1,966	1,738

*Regional figures revised in 1985 Almanac. ¹Del., Md., N.Y., Pa. thru 1981. ²Wis., Ill., Minn. thru 1977.

³Ark., Ca., Okla., Tenn., Texas thru 1977, thereafter includes all regions not shown. For description of all regions 1982 and after see Regional Definitions in box at beginning of this Section VIII.

FRESH LIMA BEAN PACKS BY STYLE

(Thousands of Actual Cases—Figures Rounded, Season Beginning Year Shown)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Green Limas	— Data discontinued in 1984 —									
Midget & Tiny	206	133	185	228	187	170	222	209	192	n.a.
Small	609	484	422	551	497	469	446	452	412	n.a.
Medium	584	521	486	327	432	477	474	465	484	n.a.
Mixed	1,937	1,368	1,374	1,939	1,493	1,447	1,265	891	1,100	n.a.
Green & White	81	133	41	70	192	192	65	70	66	n.a.
Fordhooks	215	172	161	182	205	102	114	72	0	n.a.
Total	3,631	2,811	2,669	3,298	3,007	2,858	2,587	2,160	2,255	2,241

† LIMA BEANS CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded, Season beginning year shown)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Carryover 6/1	1,019	510	819	869	841	852	537	474	536	654
Pack	2,669	3,298	3,007	2,858	2,587	2,160	2,255	2,241	1,969	1,751
Canner Supply	3,688	3,808	3,826	3,727	3,428	3,012	2,792	2,715	2,505	2,404
CANNER SHIPMENTS										
June 1 to Nov. 1	1,429	1,179	1,388	1,239	1,031	1,003	1,017	931	751	762
Nov. 1 to Jan. 1	521	458	424	422	424	488	397	341	323	212
Jan. 1 to Mar. 1	1,229	1,352	1,146	1,224	1,121	983	905	476	361	336
Mar. 1 to June 1								430	416	P
June 1 to June 1	3,179	2,989	2,958	2,885	2,576	2,474	2,319	2,178	1,851	P
CANNER STOCKS										
November 1	2,260	2,629	2,439	2,487	2,396	2,008	1,775	1,784	1,754	1,642
January 1	1,740	2,171	2,015	2,065	1,973	1,520	1,379	1,442	1,431	1,430
March 1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	966	1,070	1,095
April 1	912	1,288	1,289	1,244	1,234	882	794	822	927	985
June 1	510	819	869	841	852	537	474	536	654	P
GOV. PURCHASES**										
Armed Forces	82.5	85.7	74.8	91.5	91.9	72.7	81.7	55.1	73.1	32.5
U.S.D.A.	0	0	0	....	....	....	28.5	21.4	25.0	27.5
Vet. Admin.	16.8	19.4	10.0	6.4	7.6	n.a.	n.a.	n.a.	n.a.	n.a.

**Basis 1,000 cases 24/303's, Pack year. P-Not available at press time 5/15/87. n.a.-Not available.

²July 1 to Mar. 31. (a) Included in Misc. or Other. † Entire table revised with The 1987 Almanac to define pack year beginning June 1 rather than August 1 as in previous Almanacs.

BEET PACKS IN THE UNITED STATES*

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's, multiply by .822

1909	264	1929	2,445	1938	3,875	1947	4,126	1956	11,822	1966	11,382
1914	525	1930	3,566	1939	2,771	1948	5,421	1957	10,194	1967	11,785
1919	1,219	1931	1,969	1940	4,538	1949	8,955	1958	9,598	1968	14,597
1921	815	1932	1,274	1941	8,986	1950	9,947	1959	9,651	1969	13,339
1923	1,136	1933	1,483	1942	8,181	1951	9,189	1960	8,847	1970	11,310
1925	2,532	1934	2,679	1943	7,392	1952	8,165	1961	10,646	1971	10,430
1926	1,505	1935	3,003	1944	9,624	1953	10,471	1962	12,594	1972	10,025
1927	1,378	1936	3,038	1945	11,162	1954	8,615	1963	12,665	1973	10,881
1928	1,578	1937	3,917	1946	8,593	1955	9,198	1964	10,709	1974	15,084
								1965	10,007	1975	13,130

BEET PACKS BY REGION*

Thousands of Actual* Cases. Figures Rounded

REGION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
East ¹	2,978	3,137	4,195	4,317	3,561	3,136	3,524	(b)	(b)	(b)
Midwest ²	4,304	5,610	5,995	6,714	4,710	3,885	4,898	4,307	4,263	3,835
South						(a)	(a)	(a)	(a)	(a)
West ³	2,167	2,502	2,611	3,137	2,154	2,088	1,814	3,857	4,240	4,872
Tot. Act. Cs.	9,448	11,248	12,801	14,168	10,425	9,110	10,236	8,163	8,503	8,707
Tot. 24/303	9,201	11,289	12,973	15,103	10,878	9,657	10,868	9,039	9,292	9,386

BEET PACKS BY SIZE OF CONTAINER AND STYLE*

(Thousands of Actual Cases—Figures rounded)

Units per Case & Size of Container	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
24/8 oz.	1,210	1,362	1,526	1,417	1,000	1,052	1,199	787	893	986
12/16 oz.	1,909	2,089	2,373	2,331	1,637	1,415	1,313	1,019	1,377	1,255
24/300-303	4,243	4,981	5,516	5,923	4,971	3,811	4,723	3,523	3,169	3,603
6/10	2,086	2,815	3,386	4,497	2,817	2,832	3,001	2,834	3,064	2,863
Misc. Tin & Gl.		1								
Total	9,448	11,248	12,801	14,168	10,425	9,110	10,236	8,163	8,503	8,707
BY STYLE										
Whole	1,876	1,457	2,055	1,978	1,594	1,355	1,515	1,264	1,130	1,205
Cuts & Sections	903	1,349	991	1,514	927	649	670	437	547	625
Sliced & Salad	5,781	6,826	8,215	8,595	6,616	5,601	6,773	5,573	5,868	5,773
Diced	547	999	993	1,120	813	879	757	563	567	639
French Style	273	510	454	798	382	535	427	269	331	374
Irreg. Pieces	69	108	93	162	93	91	93	57	59	91

CARROT PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's multiply by .82

Includes tin & glass. 12 months beginning March 1 of year stated. July 1 beginning 1965.

1931	303	1941	2,511	1948	3,738	1955	2,237	1962	5,085	1969	5,463
1933	734	1942	2,785	1949	2,184	1956	3,752	1963	5,100	1970	5,388
1935	1,129	1943	2,908	1950	2,280	1957	2,912	1964	4,471	1971	5,310
1937	1,158	1944	3,820	1951	2,656	1958	3,858	1965	4,516	1972	5,529
1938	858	1945	4,939	1952	3,382	1959	3,504	1966	7,064	1973	6,391
1939	1,476	1946	4,572	1953	3,351	1960	5,043	1967	5,546	1974	6,914
1940	1,751	1947	1,191	1954	2,557	1961	3,939	1968	5,122	1975	4,717

CARROT PACKS BY REGION*

Thousands of Actual* Cases. Figures Rounded

REGION*	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
East ¹	874	1,410	1,258	1,307	828	1,093	992	(b)	(b)	n.a.
Midwest ²	2,943	3,329	3,255	3,511	2,410	2,515	3,028	2,156	2,296	2,393
South	(a)	(a)	(a)	(a)	(a)	(a)	(a)	539	735	n.a.
West ³	745	861	804	1,531	545	913	1,032	1,344	1,399	n.a.
Tot. Act. Cs.	4,562	5,601	5,317	6,349	3,783	4,522	5,102	4,039	4,431	3,892
Tot. 24/303	5,221	6,586	6,250	7,267	4,365	5,251	5,932	4,695	5,100	4,486

*12 months beginning July 1 of year stated. Includes Tin and Glass. All region figures revised in 1985 Almanac. Beet packs include pickled, spiced and harvard. ¹De., N.Y., Pa. thru 1980. ²Ind., Mich., Tex., Wis. thru 1980. ³Cal., Col., Ore., Utah, Wash. thru 1980. All figures 1981 and thereafter comply with NFPA "Regional Definitions" at beginning of this Section VIII. (a) In Midwest. (b) In West. n.a.-Not available.

CARROT PACKS BY SIZE OF CONTAINER AND STYLE*

(Thousands of Actual Cases—Figures Rounded)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
24/8 oz.....	619	742	600	913	428	590	680	(a)	546	474
24/303 & 300.....	2,395	2,688	2,743	3,239	2,088	2,302	2,561	2,050	2,384	2,098
6/10.....	1,548	2,171	1,974	2,196	1,267	1,630	1,861	1,451	1,500	1,321
Misc.....	.....	.....	.....	.....	.....	281	.....	538	.....	.....
Total.....	4,562	5,601	5,317	6,349	3,783	4,522	5,102	4,039	4,431	3,892
BY STYLE										
Whole.....	495	711	717	752	510	514	504	n.a.	805	458
Cut & Sections ..	20	65	67	66	25	10	22	n.a.	17	18
Sliced.....	3,298	3,785	3,600	4,425	2,695	3,102	3,716	n.a.	2,887	2,714
Diced.....	688	975	821	1,008	490	779	(a)	n.a.	637	553
Shoestring.....	45	54	91	71	50	102	77	n.a.	46	84
Irreg. Pieces	16	11	22	26	12	14	782	n.a.	39	65

*Includes tin and glass. 12 months beginning July 1 of year stated. †1985-86 pack 7/1/85 to 1/1/86
3,119,000 cases compared to 3,422,000 cases for the corresponding 1984 period. (a) Included in "Misc." or
"Irreg. Pieces".

CORN PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans. To convert to 2's, multiply by .822

1905....15,883	1917....13,180	1929....21,334	1941....31,853	1953....37,798	1965....39,116
1906....11,147	1918....14,301	1930....19,144	1942....39,184	1954....37,355	1966....45,525
1907....8,118	1919....16,531	1931....23,686	1943....35,081	1955....29,372	1967....49,268
1908....8,276	1920....18,349	1932....11,416	1944....30,609	1956....43,515	1968....59,278
1909....7,060	1921....10,788	1933....12,435	1945....34,450	1957....36,455	1969....49,387
1910....12,277	1922....13,931	1934....13,747	1946....37,760	1958....33,019	1970....46,995
1911....17,447	1923....17,209	1935....26,195	1947....31,829	1959....41,232	1971....53,757
1912....15,993	1924....14,800	1936....17,838	1948....38,409	1960....35,276	1972....52,957
1913....8,885	1925....29,670	1937....28,720	1949....36,350	1961....46,167	1973....55,228
1914....11,943	1926....23,264	1938....24,973	1950....22,254	1962....45,744	1974....46,430
1915....12,351	1927....12,623	1939....17,772	1951....31,203	1963....44,152	1975....57,458
1916....11,139	1928....17,686	1940....18,939	1952....39,441	1964....37,551	1976....54,694

CORN PACKS BY AREA*

Thousands of Actual Cases, figures rounded.

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
East†.....	2,670	2,902	2,775	2,373	2,586	3,122	2,858	3,062	2,430	2,304
Midwest†.....	46,285	44,227	45,200	38,256	45,096	45,137	39,788	45,810	47,292	44,209
West†.....	7,000	9,783	10,861	9,627	9,879	11,197	8,173	7,330	5,468	8,194
Total Golden.....	55,956	56,913	58,836	50,256	57,561	59,456	50,818	56,202	55,190	54,707
Total White.....	1,124	1,154	1,343	743	839	1,026	540	1,079	1,061	888
Tot Pack A/C....	57,080	58,066	60,179	51,000	58,400	60,482	51,359	57,281	56,252	55,595
Tot Basis 24/303 ..	56,300	57,907	60,022	50,574	57,949	60,522	51,595	56,879	55,729	55,090
Tot Basis 24/2 ...	46,166	47,484	49,218	41,572	47,634	49,749	42,411	46,755	45,809	45,284

† Golden only. *Revised with 1982 Almanac. No breakouts by 303 nor of white available since 1977. Report does not include field corn, corn on the cob, nor succotash. See definition of Regions beginning of this Section VIII.

CORN PACKS BY SIZE OF CONTAINER†

(Thousand of Actual Cases—Figures Rounded)

Size of Container	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
24/8z Sh & Tl....	5,702	5,207	6,241	5,251	5,723	6,884	4,708	5,524	5,089	4,519
24/12z Vac (b) ...	9,819	(a)	(a)	(a)	(a)	(a)	8,415	(a)	(a)	(a)
24/303 & 300.....	36,040	38,165	37,043	31,836	37,777	36,910	32,315	35,915	35,847	37,295
6/10*.....	5,261	5,692	6,686	5,158	5,608	7,271	5,780	6,783	6,175	5,787
Misc.....	257	9,002	10,209	8,754	9,292	9,417	141	9,059	9,141	7,994
Total.....	57,080	58,066	60,179	51,000	58,400	60,482	51,359	57,281	56,252	55,595

† White and Golden. *Includes 6/75z (603x600). (a) Included with misc. (b) Beginning 1983 includes 24/2 vac.

CORN PACK BY QUALITY AND STYLE

(Thousands of Actual Cases—Figures Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
GOLDEN										
Whole Kernel										
Fancy	34,281	34,493	34,191	30,079	35,277	37,469	30,321	34,541	34,821	34,863
Ex. Std.	5,598	6,105	6,953	6,210	5,893	6,266	7,356	5,967	6,195	5,598
Standard	693	1,240	966	814	716	725	776	1,042	513	530
Total	40,571	41,838	42,110	37,103	41,886	44,460	38,454	41,549	41,529	40,991
Cream Style										
Fancy	13,992	13,273	14,270	11,328	13,892	13,343	10,424	13,335	12,271	12,414
Ex. Std.	1,293	1,666	2,119	1,665	1,672	1,440	1,731	1,240	1,311	1,209
Standard	100	135	337	160	111	213	210	77	79	93
Total	15,385	15,075	16,726	13,154	15,675	14,996	12,364	14,652	13,661	13,716
WHITE										
Whole Kernel										
Fancy	791	n.a.	n.a.	n.a.	n.a.	673	368	†1,042	717	n.a.
Ex. Std.	58	n.a.	n.a.	n.a.	n.a.	3	15	†30	n.a.	n.a.
Standard	10	n.a.	n.a.	n.a.	n.a.	3	1	†7	n.a.	n.a.
Total	859	600	873	n.a.	n.a.	679	385	674	726	731
Cream Style										
Fancy	133	n.a.	n.a.	n.a.	n.a.	347	152	*	334	n.a.
Ex. Std.	91	n.a.	n.a.	n.a.	n.a.	.....	4	*	n.a.	n.a.
Standard	41	n.a.	n.a.	n.a.	n.a.	(a)	0	*	n.a.	n.a.
Total	265	554	470	n.a.	n.a.	348	156	405	335	157
Total All	57,080	58,066	60,179	51,000	58,400	60,482	51,359	57,281	56,252	55,595
Total Fancy	49,197	n.a.	n.a.	n.a.	n.a.	51,832	41,265	48,918	48,143	48,140
Total Ex. Std.	7,040	n.a.	n.a.	n.a.	n.a.	7,709	9,107	7,237	7,510	6,829
Total Std.	844	n.a.	n.a.	n.a.	n.a.	941	987	1,126	598	626
Total W.K.	41,430	42,438	42,983	n.a.	n.a.	45,139	38,838	42,223	42,255	41,722
Total C.S.	15,650	15,629	17,197	n.a.	n.a.	15,344	12,521	15,057	13,996	13,873
Total White.	1,124	1,154	1,343	743	839	1,026	541	1,079	1,061	888
Total Golden.	55,956	56,913	58,836	50,256	57,561	59,456	50,818	56,201	55,190	54,707

n.a.—Not available.
kernel pack.

(a) Less than 500 cases.

† Includes white cream style.

* Included in white whole



**FOR FURTHER INFORMATION,
CALL 202/639-5900**

SWEET CORN—CARRYOVER, PACK, STOCKS, SHIPMENTS

(Thousands of Actual Cases—Figures Rounded, Season† beginning year shown)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Carryover 7/1 . . .	9,878	8,100	10,188	9,966	5,189	7,731	11,492	8,464	11,261	9,480
Pack	57,080	58,066	60,179	51,000	58,400	60,482	51,359	57,281	56,252	55,595
Canner Supply . . .	66,957	66,166	70,367	60,966	63,589	68,214	62,851	65,745	67,513	65,075
CANNER SHIPMENTS										
July 1 to Nov. 1 . .	18,431	17,617	18,348	18,685	16,400	18,421	21,120	17,578	19,695	21,609
November	4,857	5,299	5,116	5,031	5,601	4,697	4,110	4,866	5,220	5,691
December	5,298	4,653	5,249	5,079	5,240	5,102	4,153	4,246	4,345	4,623
January	5,076	4,714	6,032	5,226	5,194	4,821	5,066	6,023	6,367	6,620
February	6,250	5,893	5,742	5,270	5,615	4,933	4,389	5,233	5,578	5,048
March	6,081	5,686	5,658	6,610	5,806	5,678	4,108	4,963	5,297	4,543
April	(a)	(a)	(a)	4,528	4,508	4,448	4,566	3,975	4,145	P
May	9,613	9,314	10,827	3,619	4,922	5,132	4,168	4,458	4,539	P
June	3,252	2,802	3,429	1,729	2,571	3,488	2,709	3,143	2,847	P
July 1 to July 1 . .	58,857	55,978	60,401	55,777	55,858	56,721	54,389	54,484	58,033	P
CANNER STOCKS										
November 1	48,526	48,549	52,020	42,281	47,189	49,792	41,731	48,168	47,818	43,466
December 1	43,670	43,249	46,903	37,250	41,588	45,095	37,622	43,302	42,598	37,775
January 1	38,372	38,596	41,655	32,171	36,348	39,993	33,469	39,056	38,253	33,152
February 1	33,296	33,883	35,623	26,945	31,754	35,172	28,403	33,033	31,886	26,532
March 1	27,046	27,990	29,881	21,676	25,539	30,239	24,014	27,800	26,308	21,483
April 1	20,965	22,304	24,222	15,065	19,732	24,561	19,906	22,837	21,011	16,940
May 1	n.a.	n.a.	n.a.	10,538	15,224	20,113	15,340	18,862	16,866	P
June 1	11,352	12,990	13,395	6,918	10,302	14,981	11,171	14,405	12,327	P
July 1	8,168	9,188	9,966	5,189	7,731	11,492	8,464	11,261	9,480	P
EXPORTS**	2,872	3,537	4,394	5,105	6,543	5,716	6,065	5,257	5,608	7,037
GOV. PURCHASES†										
Armed Forces . . .	441.7	421.8	465.1	402.2	488.2	389.9	278.1	423.7	263.2	357.5
U.S.D.A.	1,774.1	1,118.8	2,087.5¹	972.5	61.2	464.3	735.9	1,146.4	1,389.7	²920.0
Vet Adm.	29.3	57.0	46.1	55.9	44.1	n.a.	n.a.	n.a.	n.a.	n.a.

(a) Included in May. n.a. Not available. P - Not available at press time. **Basis 1,000 cases 24/303, season beginning year shown. Calendar year for Exports. †Estimated requirements.
 ‡July 1 to March 31.

GREEN PEA PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, basis 24 No. 303 Cans.

1899 . . . 3,130	1918 . . . 13,497	1930 . . . 26,883	1942 . . . 43,012	1954 . . . 29,220	1966 . . . 31,856
1904 . . . 5,727	1919 . . . 10,596	1931 . . . 16,209	1943 . . . 42,763	1955 . . . 33,399	1967 . . . 37,692
1908 . . . 6,804	1920 . . . 15,027	1932 . . . 12,648	1944 . . . 38,460	1956 . . . 35,682	1968 . . . 36,231
1909 . . . 6,134	1921 . . . 10,013	1933 . . . 15,729	1945 . . . 48,372	1957 . . . 41,290	1969 . . . 32,071
1910 . . . 5,303	1922 . . . 15,911	1934 . . . 19,205	1946 . . . 49,938	1958 . . . 36,035	1970 . . . 28,697
1911 . . . 5,529	1923 . . . 17,017	1935 . . . 30,132	1947 . . . 40,405	1959 . . . 31,309	1971 . . . 33,197
1912 . . . 8,915	1924 . . . 23,564	1936 . . . 20,194	1948 . . . 28,494	1960 . . . 28,714	1972 . . . 33,081
1913 . . . 10,699	1925 . . . 21,736	1937 . . . 28,630	1949 . . . 28,631	1961 . . . 32,399	1973 . . . 29,558
1914 . . . 10,793	1926 . . . 21,605	1938 . . . 31,059	1950 . . . 35,479	1962 . . . 33,725	1974 . . . 33,120
1915 . . . 11,312	1927 . . . 15,782	1939 . . . 19,610	1951 . . . 41,378	1963 . . . 33,588	1975 . . . 35,172
1916 . . . 8,157	1928 . . . 21,895	1940 . . . 30,739	1952 . . . 32,342	1964 . . . 30,045	1976 . . . 31,927
1917 . . . 11,991	1929 . . . 22,607	1941 . . . 35,043	1953 . . . 34,206	1965 . . . 37,585	1977 . . . 30,238

GREEN PEA PACKS BY REGION* AND VARIETY

SWEET & ALSWEET*	(Thousands of Actual* Cases)									
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
East	1,197	1,402	1,994	5,376	2,113	2,571	2,202	2,885	3,194	2,189
Mid-West	21,503	14,986	23,668	18,533	16,435	16,217	13,959	16,023	25,865	18,869
West	1,576	3,196	2,922	**	2,736	**	**	**	**	**
Tot. Sweet	24,276	19,584	28,584	23,909	21,284	18,788	16,161	18,908	n.a.	n.a.
Tot. Alaska	6,259	5,841	7,648	6,208	6,648	5,728	4,401	4,367	n.a.	n.a.
Tot. Actual Cs. . . .	30,535	25,426	36,232	30,117	27,932	24,516	20,562	23,276	29,059	21,058
Tot. basis 303's . . .	30,238	25,269	36,492	30,056	27,296	24,790	20,827	23,312	29,306	20,919
Tot. basis 2's	24,795	20,771	29,996	24,706	22,437	20,377	17,120	19,162	24,090	17,195

*Table revised 1985 Almanac. All regional figures in Actual Cases and include Alaska beginning 1985. See NFPA Regional Definitions at beginning of this Section VIII. **Included in East.

GREEN PEA PACKS BY SIZE OF CONTAINER & QUALITY

(Thousands of Actual Cases—Figures Rounded)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
QUALITY BY CONTAINER SIZE—all varieties										
24/8Z Total	5,148	3,915	5,360	5,074	4,472	3,390	2,824	3,459	4,169	2,894
Fancy	4,710	3,536	5,049	4,827	4,194	3,213	2,694	3,324	3,708	2,788
Ex. Std.	374	316	269	232	255	148	106	120	189	93
Std.	64	63	42	15	24	29	24	14	136	13
24/300-303 Tot.	21,840	18,701	26,259	21,172	20,990	17,992	15,102	17,057	21,240	16,126
Fancy	14,492	12,269	18,338	14,317	14,174	11,736	10,643	12,279	15,493	11,713
Ex. Std.	6,266	5,197	6,588	6,038	5,901	5,709	4,012	4,339	5,205	4,177
Std.	1,082	1,236	1,334	818	915	546	446	439	542	236
6/10 Tot.	3,547	2,809	4,612	3,870	2,470	3,085	2,628	2,758	3,650	2,037
Fancy	1,106	715	1,344	958	803	925	908	917	1,256	983
Ex. Std.	2,151	1,736	2,781	2,511	1,443	1,928	1,594	1,757	1,804	995
Std.	290	358	487	401	225	232	126	84	157	59
Total All.	30,535	25,425	36,232	30,117	27,932	24,516	20,562	23,276	29,059	21,058
Tot. Fancy*	20,308	16,519	24,730	20,102	19,170	15,924	14,252	16,522	20,458	15,484
Tot. Ex. Std.*	8,792	7,249	9,639	8,781	7,599	7,785	5,712	6,216	7,646	5,265
Tot. Std.*	1,435	1,657	1,863	1,234	1,163	807	598	537	955	308

*Includes small pack of misc. tin and glass sizes not included in above container size breakdown. ¹Midwest only.

GREEN PEA PACKS BY VARIETY, QUALITY & SIEVE SIZE

	1977	1978	1979	1980	1981	1982	1983	1984	(a)1985	(a)1986
QUALITY BY VARIETY (Thousands of Actual Cases—Figures Rounded)										
ALASKA										
Fancy	4,186	3,686	5,011	4,332	4,779	3,942	2,827	3,346	n.a.	n.a.
Ex. Std.	1,741	1,693	2,179	1,704	1,697	1,616	1,445	960	n.a.	n.a.
Std.	332	463	458	172	172	171	130	61	n.a.	n.a.
Total Alaska ...	6,259	5,841	7,648	6,208	6,648	5,728	4,401	4,367	n.a.	n.a.
SWEET										
Fancy	16,122	12,834	19,719	15,770	14,391	11,982	11,425	13,176	n.a.	n.a.
Ex. Std.	7,051	5,556	7,460	7,077	5,902	6,170	4,267	5,256	n.a.	n.a.
Std.	1,103	1,194	1,405	1,062	991	636	468	476	n.a.	n.a.
Total Sweet.	24,276	19,584	28,584	23,910	21,284	18,788	16,161	18,908	n.a.	n.a.
SIEVE SIZE BY VARIETY										
ALASKA										
1 Sieve	71	81	91	84	167	214	218	(a)	(a)	(a)
2 Sieve	3,036	2,763	3,433	3,042	3,748	2,524	1,939	(a)	(a)	(a)
3 Sieve	2,007	2,040	2,664	1,976	1,451	1,680	954	(a)	(a)	(a)
4 Sieve & Up.	1,067	942	1,442	1,056	1,049	1,076	1,181	(a)	(a)	(a)
Mixed	77	16	17	50	233	233	109	(a)	(a)	(a)
SWEET & ALSW.										
1 and 2 Sieve ...	1,321	712	1,668	1,077	1,288	2,712	1,118	1,465	6,246	5,155
3 Sieve	1,702	960	1,461	1,318	1,094	1,024	894	1,152	2,924	1,856
4 Sieve	2,141	1,719	2,432	2,206	1,830	1,913	1,868	2,177	(b)5,402	2,249
5 Sieve & Up.	1,585	1,034	1,360	1,943	1,773	1,171	672	1,252	(b)	901
Mixed	17,528	15,160	21,662	17,366	15,299	11,968	11,610	12,863	14,487	10,896

(a) Alaska included with sweet & alsweet.

(b) 5 sieve & up included with 4 sieve.

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CANNED GREEN PEAS CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded—Season beginning year shown)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Carryover June 1	7,903	4,701	1,787	6,095	5,979	6,178	3,530	1,806	3,251	7,281
Pack	30,535	25,426	36,232	30,117	27,932	24,516	20,562	23,276	29,059	21,058
Canner Supply ...	38,438	30,127	38,019	36,212	33,911	30,694	24,093	25,082	32,310	28,338
CANNER SHIPMENTS										
6/1 to 9/1	6,963	7,541	8,057	6,152	4,859	5,110	5,362	5,551	5,458	5,061
September	3,969	3,005	2,927	2,828	2,892	2,889	2,988	2,269	2,195	2,649
October	3,277	2,518	2,723	2,958	2,504	2,753	2,401	2,510	3,034	2,892
November	3,091	2,648	2,717	2,908	2,745	2,789	1,848	2,321	1,693	2,401
December	2,656	2,706	2,400	2,671	2,525	2,288	1,559	1,214	2,541	1,816
January	2,520	2,056	2,665	2,424	2,254	2,298	2,256	2,044	2,461	2,613
February	3,225	2,469	2,524	2,369	2,520	2,485	2,167	2,014	1,836	1,884
March	3,076	2,413	2,768	2,862	2,639	2,427	1,409	1,472	2,071	1,704
April	(a)	(a)	(a)	2,326	2,356	2,058	1,244	1,216	1,938	P
May	4,961	2,985	5,134	3,003	2,439	2,067	1,052	1,220	1,800	P
6/1 to 6/1	33,737	28,340	31,924	30,233	27,733	27,164	22,286	21,831	25,029	P
CANNER STOCKS										
September 1	31,475	22,586	29,962	30,060	29,052	25,584	18,731	19,531	26,852	23,277
October 1	27,506	19,581	27,035	27,232	26,160	22,696	15,743	17,262	24,657	20,628
November 1	24,230	17,063	24,311	24,273	23,656	19,943	13,342	14,752	21,620	17,736
December 1	21,138	14,416	21,594	21,365	20,911	17,153	11,494	12,431	19,927	15,335
January 1	18,482	11,709	19,186	18,694	18,386	14,865	9,935	11,217	17,386	13,519
February 1	15,963	9,654	16,521	16,539	16,132	12,568	7,678	9,172	14,924	10,905
March 1	12,738	7,184	13,997	14,170	13,612	10,082	5,511	7,159	13,089	9,021
April 1	9,662	4,772	11,229	11,307	10,973	7,655	4,102	5,687	11,018	7,317
May 1	n.a.	n.a.	n.a.	8,982	8,617	5,597	2,858	4,471	9,080	P
June 1	4,701	1,787	6,095	5,979	6,178	3,530	1,806	3,251	7,281	P
EXPORTS**	318	282	217	322	284	262	217	176	132	144
GOV. PURCHASES**										
Armed Forces	164.8	112.0	211.3	201.9	191.2	159.4	226.3	240.8	162.3	83.4
U.S.D.A.	914.4	794.3	894.6	934.3	541.7	714.3	535.7	60.2	588.8	1,562.8
Vet. Adm.	33.5	64.8	47.8	45.0	144.8	n.a.	n.a.	n.a.	n.a.	n.a.

**Basis 1,000 24/303's. Calendar year for Exports. (a) Included in May. n.a. - Not available. P-Not available at press time. ¹July 1 to Mar. 31.

PACKS OF CANNED FRESH FIELD PEAS

Thousands of Actual Cases, all size cans

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982D
Blackeye	622	737	618	528	516	595	1,415	444	992	559
Field	671	215	224	389	342	267	378	312	493	325
Cream	389	345	116	201	240	309	121	123	273	183
Crowder	233	353	144	125	163	231	162	161	289	150
Purple Hull	712	952	735	539	793	810	376	805	691	691
Total	2,628	2,603	1,837	1,783	2,053	2,212	2,452	1,845	2,738	1,908
Tot. Basis 24/303. .	2,817	2,765	1,995	1,875	2,223	2,364	2,542	1,965	2,895	1,998

D - Reports discontinued to avoid disclosure.

PUMPKIN AND SQUASH PACKS BY SIZE OF CONTAINER AND AREA

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

(Thousands of Actual Cases—Figures Rounded)

Units per Case & Size of Cont'n'r	1973	1974	1975	1976	1977	1978	1979	1980	1981	D1982
*24/2.303 & 300 ...	1,329	1,350	1,496	1,670	1,005	1,101	1,320	1,286	1,280	1,377
24/2½	1,174	975	1,514	1,467	671	864	1,032	1,018	395	1,129
*6/10	765	703	1,006	762	474	446	524	406	1,396	636
Misc. Tin & Gl. .	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mid-West	2,140	1,553	2,935	2,879	1,621	1,943	2,160	2,052	2,305	2,583
Other States	1,132	1,475	1,080	1,019	529	468	717	658	765	559
Total	3,272	3,028	4,015	3,898	2,151	2,411	2,877	2,710	3,070	3,142
Tot. Bas. 303's ...	4,632	4,214	5,805	5,500	2,962	3,353	3,997	3,744	3,975	4,404

*2's included with 10's beginning 1981. D - Reports discontinued in 1983 to avoid disclosure.

CANNED WHITE POTATO PACKS IN THE U.S.

Compiled by Economics & Statistics Div., Nat'l. Food Processors Assn.

(Thousands of Actual Cases - April 1 of year shown to March 31 following year)

1946.....591	1952.....2,719	1958.....3,947	1964.....3,507	1970.....5,890	1976.....5,315
1947.....883	1953.....3,096	1959.....3,405	1965.....4,550	1971.....7,067	1977.....5,960
1948.....1,559	1954.....1,936	1960.....4,010	1966.....4,737	1972.....4,236	1978.....5,648
1949.....1,471	1955.....3,149	1961.....4,302	1967.....4,180	1973.....4,895	1979.....5,706
1950.....1,535	1956.....3,346	1962.....3,440	1968.....5,075	1974.....6,990	1980.....5,031
1951.....1,268	1957.....3,746	1963.....3,298	1969.....5,386	1975.....5,850	1981.....6,046

	1973	1974	1975	1976	1977	1978	1979	1980	1981	D1982
STYLE										
Whole	3,860	5,159	4,832	3,187	4,284	4,160	4,237	3,231	4,179	3,237
Sliced	850	1,484	944	1,951	1,459	1,278	1,239	1,467	1,577	1,100
Diced	185	348	75	178	217	209	230	333	289	254
CONTAINER SIZE										
24/8z	108	109	74	56	31	49	333	42	53	.....
24/300	1,114	1,470	1,035	606	696	642	884	687	796	641
24/303	2,159	3,315	3,018	3,102	3,242	3,145	2,767	2,717	3,217	1,981
6/10	1,338	1,805	1,484	1,458	1,889	1,742	1,609	1,483	1,862	1,916
Misc.	175	292	240	93	102	69	113	101	117	54
Total A/C	4,895	6,990	5,850	5,315	5,960	5,648	5,706	5,031	6,046	4,591
Total, Basis 303 ..	5,658	8,113	6,809	6,201	7,126	6,293	6,517	5,857	7,103	5,714

D - Reports discontinued. Primary States canning white potatoes: Ark., Calif., Del., Ind., Me., Minn., N.C., N.Y., Pa., Tenn., Va. and Wis.

SWEET POTATO PACKS IN THE UNITED STATES

Thousands of Cases, basis 24 No. 303 Cans. To Convert to 2's, multiply by .822

1940...1,194	1945...3,751	1950...5,190	1955...6,165	1960...6,942	1965...11,101	1970...9,846
1941...2,430	1946...5,089	1951...3,964	1956...6,177	1961...8,157	1966...10,024	1971...10,056
1942...1,121	1947...2,055	1952...6,091	1957...6,519	1962...10,876	1967...9,848	1972...9,461
1943...1,482	1948...2,215	1953...5,948	1958...8,558	1963...8,756	1968...10,846	1973...11,415
1944...2,050	1949...3,837	1954...4,954	1959...8,864	1964...7,865	1969...12,499	1974...12,767
						1975...7,668

SWEET POTATO PACKS BY SIZE OF CONTAINER AND STATE

12 Months beginning July 1 of year shown (Thousand of Actual Cases—Figures Rounded)

SIZE	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
24/8 oz.	146	263	184	111	157	108	91	111	70	88
24/2 Squat.	140	164	109	(a)	(a)	76	(a)	(a)	(a)	(a)
24/303 & 300.	984	1,346	1,345	985	1,435	1,343	967	1,040	1,120	1,339
24/3 Squat.	628	966	867	473	800	558	627	446	469	445
24/2½	758	885	944	746	992	650	447	592	702	(a)
12/3 cyl.	41	41	79	30	55	91	(a)	(a)	(a)	(a)
6/10	1,267	1,672	1,697	1,134	1,375	1,624	919	960	1,159	1,486
12/40 oz.	730	922	816	673	979	745	(a)	(a)	(a)	(a)
Miscellaneous .....	.....	.....	8	42	111	.....	913	817	1,004	2,255
*REGION										
**Md., Del. & N.C.	1,803	2,764	2,265	1,476	1,473	1,125	750	405	n.a.	n.a.
***Fla., La., Tenn.	2,140	2,545	2,865	1,785	4,430	4,070	3,213	3,561	n.a.	n.a.
Ark., Ca.	751	951	919	933	(a)	(a)	(a)	(a)	n.a.	n.a.
Total A/C	4,694	6,260	6,048	4,195	5,903	5,195	3,963	3,967	4,524	5,613
Total Basis 24/303	7,194	9,436	9,174	5,917	7,955	7,049	5,315	5,283	6,149	7,469

¹Pack to January 1987. ²Beginning 1981 data adjusted to conform with new NFPA uniform regional definitions. (See beginning of this Section VIII for description). Earlier years therefore not comparable. Beginning 1981 ** is East; *** is South & West combined. (a) Included in Misc. or South and West. (b) Included with 6/10. n.a. - Not available.

SWEET POTATO PACKS BY STYLE

(Thousands of Actual Cases—Figures Rounded)

STYLE	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Solid, Mashed	145	143	176	179	128	141	93	82	n.a.	n.a.
Whole, Syrup	1,262	1,304	2,000	1,697	940	1,529	1,217	953	933	954
*Cuts & Whole Sy	3,381	3,043	3,702	3,918	2,926	3,917	3,678	2,782	2,835	3,323
Vacuum Pack	350	204	381	254	201	315	207	146	n.a.	n.a.
Total	5,138	4,694	6,260	6,048	4,195	5,903	5,195	3,963	3,967	4,524

*Beginning 1979 "cuts and halves".

SAUERKRAUT PACKS IN THE UNITED STATES

Compiled by National Kraut Packers Association

Thousands of Cases, Tin & Glass basis 24 No. 303 Cans. Season beginning year shown.

1939 ... 7,226	1946 ... 10,103	1953 ... 10,043	1960 ... 9,833	1967 ... 11,424	1974 ... 12,209
1940 ... 10,648	1947 ... 5,175	1954 ... 9,829	1961 ... 9,923	1968 ... 10,825	1975 ... 9,859
1941 ... 10,011	1948 ... 7,938	1955 ... 9,267	1962 ... 9,400	1969 ... 10,569	1976 ... 9,409
1942 ... 4,299	1949 ... 9,527	1956 ... 9,922	1963 ... 9,554	1970 ... 12,088	1977 ... 9,419
1943 ... 4,541	1950 ... 10,857	1957 ... 9,673	1964 ... 9,026	1971 ... 11,266	1978 ... 9,509
1944 ... 3,954	1951 ... 8,834	1958 ... 9,316	1965 ... 10,768	1972 ... 10,008	1979 ... 9,016
1945 ... 10,358	1952 ... 8,688	1959 ... 8,229	1966 ... 10,019	1973 ... 10,573	1980 ... 8,173

SAUERKRAUT PACKS BY STATE AND CONTAINER SIZE

Thousands of Cases. Figures rounded—12 month pack beginning Sept. 1 of year shown.

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
BASIS 24/303 CANS										
Tin, East	2,831	3,139	3,420	3,020	2,457	2,842	2,606	2,197	2,441	2,096
Tin, Midwest	4,130	3,962	3,792	3,722	3,658	3,487	3,351	2,115	3,034	2,979
Tin, Other	922	804	887	951	817	880	992	486	493	302
Total Tin	7,883	7,905	8,099	7,693	6,932	7,209	6,949	4,797	5,968	5,378
Glass	1,526	1,514	1,410	1,324	1,242	1,478	1,468	1,047	1,043	2,309
Tot. Tin & Glass ..	9,409	9,419	9,509	9,016	8,173	8,686	8,417	5,844	7,011	7,687
Bags, 303 basis ...	1,581	1,453	1,624	1,774	1,587	1,377	1,299	1,330	1,741	2,122
Tot. above	10,990	10,872	11,133	10,790	9,760	10,063	9,716	7,174	8,752	9,809
CONTAINER SIZE (Actual Cases)										
24/8 oz.	613	690	793	591	707	504	337	413	501	406
24/300	177	188	200	210	188	221	203	130	164	185
24/303	2,753	2,966	2,949	2,777	2,748	2,643	2,574	1,739	1,997	2,270
24/2 1/2	1,489	1,325	1,340	1,341	1,066	1,192	1,117	740	941	804
6/10	1,126	1,183	1,220	1,149	971	1,131	1,043	769	1,043	832
Misc. Tin	155	149	169	149	151	137	346	153	190	115
12/Qt. glass	2,1454	2,1442	1,125	1,105	1,057	1,231	1,239	866	1,053	950
12/Pt. glass			436	312	250	336	220	245	224	219
Tot. Tin & Gl.	7,767	7,943	8,232	7,633	7,138	7,395	7,079	5,055	6,113	5,782
12/2 lb. bags	3,1757	3,1615	1,353	1,534	1,403	1,232	1,097	1,251	1,575	1,985
12/1 lb. bags			902	874	721	596	693	453	719	745
Tot. Above A/C ...	9,524	9,558	10,487	10,041	9,262	9,223	8,869	6,759	8,407	8,513
THOUSANDS OF CONTAINERS (not included in above 303's or Actual Case figures)										
Misc. Jars & Pails ^a									28	136
5 gal. pails			4	1	1	49	48	33	235	21
Barrels (sold bulk)	22	38	21	23	31	36	20	10	41	16
BARRELS CUT ^a ...	722	627	706	685	581	601	572	412	563	565

PROPORTION Of Total Sauerkraut Pack By Container Type

1984 ... Metal	61.3%	Poly Bag	17.2%	Glass	10.3%	^a Misc.	11.2%
1985 ... Metal	54.6%	Poly Bag	20.8%	Glass	21.0%	^a Misc.	3.6%

EAST includes N.Y., Md., Pa. MIDWEST: Wis., Ill., Ohio, Mich., Ind. OTHER: Ore., Wash., Colo., Tenn., Mass. ²Qts. and Pints, basis 12/qts. ³1 and 2 lb., basis 12/2 lb. ⁴Converted from all container figures. ⁵Bulk (45 gal.) Barrels, Plastic Pails & Misc. Jars. ⁶One gallon equivalents.

SPINACH PACKS IN THE UNITED STATES *

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

Thousands of Cases, Basis 24 No. 303 Cans. To convert to 2's, multiply by .822

1909 311	1934 4,395	1944 12,148	1954 4,854	1964 7,641	1974 10,834
1914 817	1935 5,268	1945 10,537	1955 7,326	1965 6,395	1975 8,328
1919 1,411	1936 5,149	1946 10,307	1956 7,819	1966 6,954	1976 6,304
1921 1,212	1937 7,468	1947 4,769	1957 7,740	1967 7,409	1977 7,108
1923 3,912	1938 3,529	1948 6,113	1958 6,390	1968 7,990	1978 6,214
1925 3,195	1939 4,948	1949 8,178	1959 8,701	1969 6,577	1979 8,121
1927 3,923	1940 6,076	1950 6,796	1960 7,797	1970 7,270	1980 6,314
1929 7,521	1941 6,118	1951 9,331	1961 7,708	1971 7,675	1981 5,458
1931 2,768	1942 11,671	1952 7,459	1962 7,266	1972 8,255	1982*
1933 3,878	1943 9,005	1953 6,597	1963 8,031	1973 8,944	

*1982-83 Pack Mar. 1 to Oct. 1, 1982 3,038,993 basis 303's, compared with 3,363,038 cases same period year earlier. Reports discontinued thereafter to avoid disclosure.

TOMATO PACKS IN THE UNITED STATES

1899 ... 18,119	1918 ... 33,076	1930 ... 35,399	1942 ... 50,327	1954 ... 26,629	1966 ... 32,662
1904 ... 19,587	1919 ... 22,512	1931 ... 19,936	1943 ... 35,708	1955 ... 30,167	1967 ... 39,127
1908 ... 23,906	1920 ... 23,674	1932 ... 24,848	1944 ... 31,841	1956 ... 36,457	1968 ... 48,422
1909 ... 22,875	1921 ... 8,366	1933 ... 24,961	1945 ... 20,444	1957 ... 26,446	1969 ... 32,036
1910 ... 19,232	1922 ... 24,028	1934 ... 27,299	1946 ... 29,106	1958 ... 37,152	1970 ... 39,017
1911 ... 20,303	1923 ... 30,555	1935 ... 32,921	1947 ... 33,805	1959 ... 29,422	1971 ... 38,367
1912 ... 29,201	1924 ... 26,071	1936 ... 29,785	1948 ... 29,759	1960 ... 30,991	1972 ... 43,301
1913 ... 29,585	1925 ... 41,172	1937 ... 32,006	1949 ... 26,275	1961 ... 34,034	1973 ... 45,431
1914 ... 31,700	1926 ... 19,690	1938 ... 28,220	1950 ... 25,751	1962 ... 35,541	1974 ... 43,784
1915 ... 17,637	1927 ... 27,358	1939 ... 29,848	1951 ... 38,759	1963 ... 33,041	1975 ... 53,465
1916 ... 27,369	1928 ... 17,782	1940 ... 36,030	1952 ... 34,136	1964 ... 36,431	1976 ... 42,805
1917 ... 31,397	1929 ... 29,468	1941 ... 38,746	1953 ... 27,248	1965 ... 36,015	1977 ... 54,124

U.S. CANNED TOMATO PACKS BY REGION*

Source: National Food Processors Assn. and California League of Food Processors

Thousands of Actual Cases — Figures Rounded — Calendar Year

REGION*	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
East	1,839	2,093	2,112	1,274	2,237	2,803	2,278	2,195	1,127	717
Midwest	2,995	3,434	3,263	2,599	2,716	3,794	4,006	4,843	4,141	4,702
West	†35,027	†30,109	26,900	23,682	23,591	24,652	21,392	24,022	22,505	23,821
South	1,402	1,454	1,415	1,044	1,156	2,229	1,590	1,680	1,212	1,254
Tot. above A/C...	n.a.	n.a.	33,689	28,599	29,700	33,478	29,266	32,740	28,986	30,494
Tot Bas. 24/303...	n.a.	n.a.	(e)42,789	(e)36,697	(e)38,325	43,286	37,597	43,170	37,485	38,955
Tot. Bas. 24/2...	n.a.	n.a.	(e)35,173	(e)30,165	(e)31,503	35,581	30,905	35,486	30,813	32,021
Calif. conc. crushed A/C ¹ (a)		(a)	6,281	10,158	8,421	12,292	14,859	14,302	13,773	14,870
Tot. all A/C.....	41,262	37,090	39,970	38,757	38,120	45,770	44,125	47,042	42,759	45,364
Tot. all Bas. 303(e)	54,124	49,241	52,896	53,096	51,937	63,089	61,561	66,376	59,585	63,148

*This table completely revised in the 1985 Almanac. For definitions of region see note in box at beginning of this Section VIII. NFPA 1984 tomato pack report provided separate breakdown for the California pack of concentrated crushed tomatoes and adjusted the '82 and '83 figures. Almanac editors adjusted '79, '80, & '81. (e) Conversions may include estimate for small amount of mixed misc. container sizes. ¹Conc. crushed includes ground tomatoes and pizza sauce (including prepared with oil or formulated). n.a. - Totals comparable to later years not available. † Includes Calif. conc. crushed. (a) Not collected separately. Data for these packs included in West.

TOMATO PACKS BY SIZE OF CONTAINER

(Thousands of Actual Cases—Figures Rounded—Calendar Year)

Units per Case & Size of Cont'nr	*1977	*1978	1979	1980	1981	1982	1983	1984	1985	1986
24/2.....	46	40	118	.....	.....	0	0	(a)	(a)	(a)
24/8Z.....	1,088	786	886	687	765	500	784	678	288	378
48/1 Pic.....	308	140	234	200	270	668	(a)	(a)	(a)	(a)
24/300/303.....	19,455	17,109	18,024	14,203	14,637	17,448	14,631	15,136	14,827	14,203
24/2½.....	6,802	6,201	6,011	4,896	4,991	5,087	3,572	4,748	3,845	3,476
6/10.....	12,983	12,429	7,809	7,558	8,187	9,546	9,332	11,145	8,958	9,312
Misc. Tin & Gl....	580	385	608	1,055	849	229	948	1,084	1,068	3,125
Total.....	41,262	37,090	33,689	28,599	29,700	33,478	29,266	32,740	28,986	30,494

*Not comparable to later years. Calif. concentrated crushed packs included. See note under Tomato Packs by Region. (a) Included in Misc.

**OHIO'S FINEST TOMATOES, TOMATO PRODUCTS,
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CANNED TOMATOES — CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded—Season beginning year shown)

	1977	1978	1979	1980	1981	*1982	*1983	*1984	*1985	*1986
Carryover 7/1	6,917	12,157	10,866	9,017	7,423	4,791	7,202	7,207	8,377	7,567
Pack, 7/1-1/1	40,375	36,167	38,491	38,019	37,410	32,059	28,185	31,583	28,066	29,705
Pack, 1/1-4/1	457	433	389	163	728	295	264	249	162	P
Pack, 4/1-7/1	466	648	349	547	691	787	893	671	627	P
Canner Supply ..	48,215	49,405	50,094	47,746	46,252	37,932	36,544	39,710	37,232	P
CANNER SHIPMENTS										
7/1 to 1/1	18,496	19,130	20,585	22,298	23,547	17,108	16,341	17,773	15,332	18,842
1/1 to 4/1	10,890	11,100	13,102	11,036	10,057	8,381	8,398	11,234	8,819	P
4/1 to 7/1	6,672	8,309	7,390	6,989	6,185	5,240	4,599	2,326	5,514	P
Tot. 7/1 to 7/1 ...	36,058	38,539	41,077	40,322	39,790	30,730	29,337	31,333	29,664	P
CANNER STOCKS										
January 1	28,796	29,194	28,771	24,738	21,286	19,742	19,046	21,017	21,111	18,431
April 1	18,363	18,527	16,058	13,865	11,957	11,656	10,913	10,033	12,454	P
July 1	12,157	10,866	9,017	7,423	6,462	7,202	7,207	8,377	7,567	P
EXPORTS**	984	1,176	1,779	1,456	1,341	832	583	498	664	579
GVM'T PURCHASES**										
Armed Forces....	793.7	518.2	518.4	522.6	583.8	425.3	676.5	517.1	576.2	545.1
USDA.....	1,936.0	1,581.4	2,858.3	431.0	36.4	75.6	722.5	1,086.8	882.5	1,882.8
Vet. Admin.....	66.3	35.0	75.5	80.1	65.8	n.a.	n.a.	n.a.	n.a.	n.a.

*Not comparable to earlier years. Calif. concentrated crushed packs deleted. See Note under Tomato Packs By Region. **Basis 1,000 cases 24/303, Season beginning year shown. Calendar year for Exports. P - Not available at press time. ¹July 1 to March 31.

CALIFORNIA TOMATO PACKS BY TYPE & STYLE

Source: California League of Food Processors

Thousands of Actual Cases

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Whole Round	18,807	16,106	17,944	14,960	13,339	15,390	11,464	13,888	12,137	11,894
Whole Pear	1,923	1,515	1,686	1,774	1,087	980	936	1,144	974	641
Stewed	(o)	(o)	6,103	5,120	5,483	5,595	5,948	5,252	5,364	5,526
Other Styles	(o)	(o)	1,847	1,818	3,584	2,641	3,044	3,665	3,913	5,656
Total	20,730	17,621	27,579	23,672	23,493	24,606	21,392	23,949	22,388	23,717
Other	14,252	12,371	.....	.....	.....	.....	.....	.....	.....	.....
Conc. Crushed*										
24/300-303.....	(o)	(o)	221	(m)	275	408	479	325	860	(m)
24/2½.....	(o)	(o)	720	1,215	1,054	1,321	1,235	1,531	1,912	927
6/10.....	(o)	(o)	5,218	8,361	7,005	10,417	13,075	12,393	11,001	13,805
Misc.....	(o)	(o)	122	582	87	146	70	53	.....	138
Total.....	(o)	(o)	6,281	10,158	8,421	12,292	14,859	14,302	13,773	14,870
Total All	34,980	29,992	33,861	33,830	31,914	36,898	36,251	38,251	36,161	38,587

(o) Included in "Other". (m) Included in "Misc.". *Includes ground tomatoes, and pizza sauce (including prepared with oil or formulated).

TOMATO CATSUP PACKS IN THE UNITED STATES*

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

(Thousands of Actual Cases—Figures Rounded)

1942 ... 11,771	1948 ... 16,897	1954 ... 18,565	1960 ... 33,818	1966 ... 41,450	1972* ... 6,403
1943 ... 9,382	1949 ... 10,900	1955 ... 22,947	1961 ... 33,706	1967 ... 44,256	1973* ... 6,518
1944 ... 11,688	1950 ... 14,793	1956 ... 30,301	1962 ... 42,018	1968* ... 10,509	1974* ... 7,739
1945 ... 11,484	1951 ... 24,015	1957 ... 24,079	1963 ... 34,705	1969* ... 4,950	1975* ... 10,083
1946 ... 15,751	1952 ... 19,652	1958 ... 28,364	1964 ... 38,775	1970* ... 5,377	1976* ... 5,313
1947 ... 20,661	1953 ... 19,116	1959 ... 25,774	1965 ... 41,130	1971* ... 7,490	1977* ... 8,065

Thousands of Cases 6/10 and larger

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
† California	6,864	5,605	5,742	4,575	3,959	4,422	4,719	4,566	4,072	3,650
Other States	1,201	1,155	833	975	911	1,320	1,333	2,107	2,264	1,873
Total	8,065	6,760	6,575	5,550	4,870	5,742	6,052	6,673	6,336	5,523

*Includes only No. 10's & larger 1968 and thereafter. Includes bulk packs converted to #10's. See also Bureau of Census reports, under Pulp pack. † Reports by California League of Food Processors.

CHILI SAUCE PACKS IN THE UNITED STATES

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn. and California League of Food Processors

(Thousands of Actual Cases—Figures Rounded)

1947 ... 3,621	1952 ... 2,848	1957 ... 2,208	1962 ... 2,889	1967 ... 2,453	1972 ... 2,511
1948 ... 2,544	1953 ... 2,563	1958 ... 2,099	1963 ... 2,145	1968 ... 3,355	1973 ... 2,225
1949 ... 1,370	1954 ... 1,979	1959 ... 2,826	1964 ... 2,443	1969 ... 2,506	1974 ... 2,099
1950 ... 1,814	1955 ... 2,395	1960 ... 2,567	1965 ... 2,646	1970 ... 2,427	1975 ... 2,126
1951 ... 3,220	1956 ... 3,292	1961 ... 2,489	1966 ... 2,853	1971 ... 2,195	1976 ... 2,442

PACK BY SIZE OF CONTAINER — ACTUAL CASES

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
12 oz. glass	1,251	1,316	1,185	1,289	1,208	1,495	1,192	† 460	† 309	n.a.
6/10 tin	859	1,468	966	972	770	796	764	† 656	† 773	n.a.
Total A/C	2,111	2,778	2,151	2,261	1,978	2,292	1,956	2,248	2,147	2,045
Tot. Basis 12/12 oz.	6,141	9,663	6,680	5,723	4,719	5,127	4,674	5,518	5,858	6,531
Tot. Basis 24/303's	1,776	2,834	1,977	2,038	1,680	1,826	1,665	1,965	2,086	2,326
† California	1,313	1,854	1,317	1,331	1,001	1,085	993	1,116	1,082	1,011
Other States	798	924	834	930	977	1,207	963	1,132	1,065	1,034

*Includes larger sizes converted to 6/10. † California only. Reports by California League of Food Processors.

TOMATO JUICE PACKS IN THE U.S.*

Compiled by Economics & Statistics Div., Nat'l. Food Processors Assn. and California League of Food Processors

(Thousands of Actual Cases—Figures Rounded)

1931 ... 4,584	1941 ... 19,046	1950 ... 22,741	1959 ... 28,303	1968 ... 31,359	1977 ... 21,711
1933 ... 4,170	1942 ... 20,738	1951 ... 31,626	1960 ... 29,937	1969 ... 26,388	1978 ... 26,313
1934 ... 5,704	1943 ... 19,252	1952 ... 31,417	1961 ... 28,845	1970 ... 27,998	1979 ... 24,312
1935 ... 9,287	1944 ... 26,487	1953 ... 32,733	1962 ... 36,457	1971 ... 29,540	1980 ... 21,746
1936 ... 13,105	1945 ... 24,553	1954 ... 23,466	1963 ... 31,284	1972 ... 23,741	1981 ... 14,075
1937 ... 13,445	1946 ... 30,525	1955 ... 23,699	1964 ... 32,397	1973 ... 26,771	1982 ... 18,461
1938 ... 8,988	1947 ... 16,880	1956 ... 28,017	1965 ... 30,564	1974 ... 28,053	1983 ... Reports discontinued
1939 ... 11,091	1948 ... 32,701	1957 ... 28,483	1966 ... 29,753	1975 ... 27,603	
1940 ... 12,414	1949 ... 20,560	1958 ... 32,621	1967 ... 33,151	1976 ... 24,764	

*Figures through 1967 include tomato juice cocktail. 1968 and thereafter include only tomato juice concentrate and tomato juice.

TOMATO PULP (PUREE) PACKS IN THE U.S.*

Source: Nat'l. Food Processors Assn.; and California League of Food Processors
(Thousands of Actual Cases)

REGION*	1977	1978	1979	1980	1981	1982	1983	†1984	†1985	†1986
EAST.....	257	215	298	125	284	313	(b)	n.a.	n.a.	n.a.
MIDWEST.....	214	207	201	166	183	276	600	n.a.	n.a.	n.a.
WEST.....	5,709	4,884	6,036	4,763	3,861	5,560	4,820	n.a.	n.a.	n.a.
SOUTH.....	.....	.....	.....	.....	(b)	(b)	(b)	n.a.	n.a.	n.a.
Total Act. Cs.	6,180	5,305	6,535	5,054	4,329	6,150	5,420	n.a.	n.a.	n.a.
Tot. Bas. 24/303...	9,824	8,425	10,395	8,141	6,900	9,788	8,703	n.a.	n.a.	n.a.
Tot. Bas. 6/10....	6,050	5,188	6,401	5,013	4,249	6,027	5,359	n.a.	n.a.	n.a.
California A/C ...	5,703	4,876	6,031	4,762	3,860	5,556	4,816	3,917	3,698	3,129
Other States.....	477	429	504	292	469	594	604	n.a.	n.a.	n.a.
BY CONTAINER SIZE										
24/300/303's	341	324	395	177	231	321	249	150	(a)	(a)
24/2's	27	31	33	30	32	47	(a)	(a)	(a)	(a)
24/2½'s	1,385	1,545	2,225	1,658	1,591	1,698	1,744	786	702	717
6/10's**	4,148	3,103	3,452	2,904	2,156	3,730	3,113	2,778	2,662	2,285
Misc.	279	303	430	285	319	353	314	203	334	127
Tot. A/C	6,180	5,305	6,535	5,054	4,329	6,150	5,420	3,917	3,698	3,129

*303 details not available in later years. Table revised with 1985 Almanac to reflect actual cases by Region. See NFPA definitions of Region in box at beginning of this Section VIII. **Includes larger sizes in Calif. converted to 6/10's. †California only. (a) Included in "Misc." (b) In Midwest. n.a. - Not available.

TOMATO PRODUCT PACKS AND VALUES

REPORTED BY BUREAU OF CENSUS

Thousands of Cases and Millions of Dollars

	1967		1972		1977		1982	
	Pack	Value	Pack	Value	PackR	Value	Pack	Value
Tomato Sauces.....	25,197	131.2	28,414	146.9	51,716	414.5	77,364	803.6
7.1 oz to 10 oz (8z S & T etc)	11,355	63.4	12,699	73.4	9,286	81.5	14,971	193.4
Other Sizes.....	13,842	67.8	15,715	73.5	42,430	333.0	62,393	610.2
Catsup.....	42,134	200.7	44,514	229.5	49,858	414.8	57,070	569.4
14 oz. to 32 oz.	18,246	84.1	n.a.	n.a.	32,884	276.4	35,268	321.8
Other sizes (incl. indiv) ...	23,598	115.9	n.a.	n.a.	16,974	138.4	21,802	247.6
Chili Sauce	2,758	11.8	3,020	15.4	5,416	40.7	4,733	44.5
Barbecue Sauce	4,434	18.2	8,006	34.6	6,009	38.5	15,357	149.5
Tomato Paste	13,699	101.1	14,262	130.3	25,771	343.9	31,163	472.6
4.1 oz to 7 oz (6 oz. etc) ...	3,768	23.3	5,335	32.1	4,613	46.4	7,423	81.1
100.1 oz. to 115 oz. (No. 10)	2,304	22.7	2,061	21.8	2,537	33.3	1,775	28.9
Other (incl bulk-equiv 24%)	7,627	55.1	6,866	76.4	18,621	264.2	21,965	362.6
Tom Pulp & Puree	7,233	41.0	6,849	37.1	9,356	76.0	10,713	120.9
Other Tom Prod. n.s.k.	1,225	4.4	1,663	9.5	.....	21.6	.....	14.1
TOTAL.....	96,680	507.7	106,728	603.3	148,126	1,350.0	196,400	2,174.4

¹Except catsup & chili sauce, pulp, puree, or paste. ²775.1 million pounds converted to thousands of cases, basis 6/10's. ³914.3 mil. lbs. converted to thousand cases, basis 6/10's. R - Revised.

THE 1986-87 DIRECTORY OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

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CANNED FRUIT PACK STATISTICS

Compiled by National Food Processors Assn.; California League of Food Processors;
Florida Citrus Processors Assn.; Northwest Food Processors

GLASS PACK: In most of the tables showing the pack by Size of Container, all Glass pack has been included with tin of comparable size; viz., No. 2½ jar with No. 2½ tin; 16 oz. jar with 303 tin, etc.

SUMMARY OF CANNED FRUIT AND FRUIT JUICE PACKS

Thousands of Cases—Basis 24/2½—Figures Rounded

FRUITS	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Apples (b)	1,703	2,089	2,414	1,648	1,317	1,586	1,553	D	D	D
Applesauce (b) . . .	10,671	11,562	12,742	10,636	8,819	10,875	†10,480	D	D	D
Apricots	2,269	2,127	2,887	2,994	1,208	1,626	1,167	1,861	1,532	505
Blackberries	37	53	10	17	38	47	46	D	D	D
Blueberries	77	181	96	78	327	289	167	D	D	D
RSP Cherries	605	582	526	545	213	471	189	389	390	253
Sweet Cherries	501	485	651	428	316	498	496	357	405	327
Cranb. Sce.	3,397	3,670	3,618	3,633	3,542	3,562	D	D	D	D
Frt. Cocktail (c) . . .	12,979	11,704	13,815	14,826	11,383	8,722	8,223	8,671	10,058	8,976
Frt. for Salad (c) . . .	595	(e)	(e)	(e)	(e)	(e)	(e)	(e)	(e)	(e)
Fla. Grapef. Seg. (b) .	1,210	1,258	1,355	1,152	926	851	D	D	D	D
Misc. Fr. (a)	9	39	97	113	41	54	38	D	D	D
Mixed Fr. (c)	1,564	2,153	3,145	3,215	2,545	2,401	1,335	2,506	2,509	1,845
Peaches	29,217	21,413	25,840	26,765	21,763	18,608	11,421	19,512	18,401	15,506
Pears	9,614	9,026	10,568	10,928	9,700	7,789	7,214	7,657	7,813	7,209
Pineapple (b)	18,424	18,349	†18,545	†17,057	†16,640	D	D	D	D	D
Purple Plums	317	923	711	1,066	940	375	443	577	642	632
Total Fruits	93,689	85,614	97,020	95,100	79,718	56,960	42,772	41,530	41,750	35,253
No. Prod. in Tots. . . .	15	15	15	15	15	14	12	9	9	9
FRUIT JUICES (b)										
Apple	12,906	17,137	18,237	18,863	18,728	18,732	D	D	D	D
Grapefruit (f)	18,202	17,371	16,307	13,082	15,230	8,029	6,555	7,271	6,855	P
Orange (f)	10,922	12,576	12,289	11,849	9,852	6,754	6,260	5,117	5,234	P
Citrus Blend (f)	1,342	986	1,045	736	556	448	382	424	329	P
Pineapple	8,264	7,822	†8,408	†9,391	†9,237	D	D	D	D	D
Total Juices	51,636	55,892	56,286	53,921	53,603	*	*	*	*	*
Total Fruits & Juices	145,325	141,506	153,306	149,021	133,256	*	*	*	*	*

(a) Includes Boysenberries, Loganberries, Youngberries, Gooseberries, Raspberries, Strawberries, Plums not purple, Rhubarb. (b) Pack beginning year shown. (c) California. D - Reports discontinued to avoid disclosure. (e) Included with Mixed Fruit. (f) Florida only beginning 1982. P - Not available at press time. * Not complete. † Calendar year.

U.S. PACKS OF APPLES

Thousands of Cases — Pack Beginning Year Shown

Actual Cases	1935	2,332	1943	1,878	1950	5,265	1958	3,639	1966	3,483	
1923	2,126	1936	2,620	1944	3,356	1951	3,388	1959	4,034	1967	3,676
1925	3,467	1937	2,672	1945	1,192	1952	2,560	1960	3,326	1968	3,604
1927	2,939	1938	1,751	Basis 6/10's		1953	2,942	1961	3,986	1969	3,128
1929	2,593	1939	2,841	1946	3,266	1954	4,709	1962	4,036	1970	2,271
1931	2,067	1940	2,250	1947	2,242	1955	3,587	1963	4,062	1971	2,564
1933	2,554	1941	4,348	1948	1,687	1956	3,917	1964	3,928	1972	2,350
1934	2,584	1942	4,165	1949	4,213	1957	3,668	1965	4,409	1973	3,528

PACKS OF APPLES BY AREA

Thousands of cases - Basis 6/10's per case—Pack Aug 1 to Aug. 1 Beginning Year Shown

	*1974	1975	1976	1977	1978	1979	1980	1981	1982	†1983
East ¹	1,569	623	836	961	1,084	1,274	895	892	1,196	n.a.
Wash., Ore., Ida. . . .	446	376	549	493	322	549	586	276	227	n.a.
Other States	349	213	317	397	513	393	311	264	301	n.a.
Total U.S.	2,365	1,213	1,702	1,851	1,919	2,216	1,791	1,431	1,724	1,688

*Sept. 1 to Sept. 1.
Va., W.Va., N.Y.

† Aug. 1, 1983 to June 1, 1984. Reports discontinued thereafter.

¹ Includes Md., Pa.

U.S. PACK OF APPLE SAUCE

Thousands of Actual Cases, Figures Rounded. Pack Aug. 1 to Aug. 1 beginning Year Shown.

1929 904	1938 1,527	1945 1,984	1952 9,397	1959 17,904	1966 20,166
1931 1,010	1939 3,057	1946 8,840	1953 11,732	1960 18,266	1967 24,452
1933 1,730	1940 2,635	1947 6,084	1954 16,017	1961 18,768	1968 25,263
1934 1,892	1941 4,182	1948 4,852	1955 14,078	1962 20,991	1969 28,266
1935 1,887	1942 4,590	1949 8,974	1956 16,115	1963 21,475	1970 24,291
1936 2,353	1943 2,226	1950 13,321	1957 14,636	1964 25,095	1971 26,399
1937 3,161	1944 4,302	1951 9,456	1958 16,599	1965 25,836	1972 20,767
					1973 25,313

PACK OF APPLE SAUCE BY STATE AND SIZE OF CONTAINER

	*1974	1975	1976	1977	1978	1979	1980	1981	1982	D1983
East	18,728	8,688	8,306	10,701	12,145	12,654	10,691	8,870	12,423	10,157
West	3,895	3,643	3,446	3,343	3,356	4,903	4,009	3,437	2,664	4,105
Other States	5,771	3,788	3,604	4,104	4,062	4,458	3,913	3,028	4,223	3,108
Tot. U.S.	28,393	16,118	15,355	18,148	19,564	22,015	18,613	15,335	19,311	17,371
24/8 oz.	1,726	222	235	323	280	689	95	79	29	.....
24/300-303	7,891	6,033	5,338	4,636	5,217	6,195	4,876	3,987	3,653	3,296
24/15 oz.	1,866	755	766	881	1,011	956	1,410	768	810	741
12/25 oz. (a)	4,641	2,188	2,122	3,056	3,478	3,919	3,606	3,139	4,987	3,625
12/35 oz.	3,710	1,476	1,557	2,109	2,076	2,067	1,316	1,480	1,658	1,330
6/50 oz.	3,279	2,370	2,778	3,457	3,382	3,959	4,022	3,136	4,723	3,827
6/10	4,246	2,751	2,349	3,166	3,958	3,915	3,115	2,505	3,197	3,858
Misc. Tin & Gl. (b)	1,035	324	210	519	162	316	173	240	254	694

(a) Includes 25 oz. glass and 3 cyl. tin. (b) Includes 24/2½. *Sept. 1 to Sept. 1. D - Pack to 6/1/84. Reports discontinued.

U.S. PACKS OF APPLE JUICE

Compiled by Economics & Statistics Div., Nat'l. Food Processors Assn.

Thousands of Actual Cases, Figures Rounded, Pack Aug. 1 to Aug. 1 Beginning Year Shown.

1939 393	1945 1,316	1951 3,174	1957 4,653	1963 8,558	1969 13,503
1940 506	1946 3,524	1952 3,199	1958 5,346	1964 9,784	1970 14,472
1941 1,726	1947 1,181	1953 3,081	1959 6,769	1965 9,670	1971 14,148
1942 1,645	1948 1,181	1954 4,220	1960 6,289	1966 8,953	1972 14,277
1943 1,740	1949 2,770	1955 3,508	1961 6,974	1967 9,029	1973 15,623
1944 2,851	1950 3,470	1956 4,266	1962 7,483	1968 9,641	1974 16,399

PACK OF APPLE JUICE BY AREA AND SIZE OF CONTAINER

	1973	*1974	1975	1976	1977	1978	1979	1980	1981	D1982
East	10,100	10,933	8,473	8,738	11,044	13,941	13,589	13,921	13,195	15,392
Midwest	1,527	1,819	2,564	2,386	2,257	4,905	2,783	2,861	3,223	4,635
West	3,996	3,647	4,889	5,429	6,528	7,515	11,707	12,623	13,214	10,204
Total U.S.	15,623	16,399	15,926	16,553	19,828	26,361	28,079	29,405	29,632	30,232
48/5 to 6 oz. Tin ...	1,777	1,819	1,491	1,915	2,235	3,285	2,638	2,641	2,909	4,097
12/3 Cyl-46 oz T. ...	3,629	3,193	3,037	2,491	2,662	3,624	3,348	2,910	2,169	2,684
24/12 oz. glass ...	76	41	56	450	676	867	1,019	1,246	1,304	(a)
12/32 oz. glass ...	6,264	6,231	4,266	3,787	4,863	5,425	5,826	4,713	3,778	4,113
12/40 oz. glass ...	828	929	989	810	854	1,138	836	764	618	514
6/64 oz. glass ...	2,272	2,714	3,545	4,520	5,841	8,502	10,440	12,517	13,971	14,084
4/1 gallon jug ...	600	960	1,609	1,730	1,629	2,003	2,479	2,113	2,389	2,586
Misc. tin & gl.	176	511	933	850	1,068	1,516	1,493	2,501	2,495	2,153
Tot Basis 24/2 ...	14,793	15,433	15,264	15,412	18,218	24,146	25,751	26,446	26,275	26,694
Tot Basis 24/2½.	10,265	10,811	10,826	10,920	12,906	17,137	18,237	18,863	18,728	18,732

*Sept. 1 to Sept. 1. D - Reports discontinued with the 1982-83 pack. (a) In Misc. East: Md., Mass., N.H., N.Y., Pa., Va., W.Va. Midwest: Mich., Mo., Ohio, Wis. West: Cal., Col., Ore., Wash.

U.S. PACKS OF APRICOTS

California Pack, Stock & Shipments Compiled by California League of Food Processors

Thousands of Actual Cases, Figures Rounded

1923 ...	*1.562	1932.....	1.895	1941.....	4.538	1950.....	4.473	1959.....	6.818	1968....	*6.594
1924 ...	*2.050	1933.....	2.666	1942.....	3.449	1951.....	5.696	1960.....	8.006	1969....	*7.851
1925 ...	*2.197	1934.....	2.165	1943.....	1.256	1952.....	5.101	1961.....	6.213	1970....	*4.979
1926 ...	3.394	1935.....	3.476	1944.....	8.030	1953.....	6.443	1962.....	5.242	1971....	*4.604
1927 ...	*3.117	1936.....	3.135	1945.....	4.238	1954.....	3.731	1963.....	5.369	1972....	*4.273
1928 ...	*2.097	1937.....	5.967	1946....	10.802	1955.....	7.831	1964.....	6.935	1973....	*5.634
1929 ...	4.267	1938.....	1.795	1947.....	3.342	1956.....	5.558	1965.....	6.769	1974....	*2.793
1930 ...	*2.069	1939.....	3.756	1948.....	5.316	1957.....	5.603	1966....	*6.958	1975....	*6.145
1931 ...	2.116	1940.....	2.343	1949.....	2.881	1958.....	2.554	1967....	*5.884	1976....	*3.377

*California only.

CALIFORNIA PACK OF APRICOTS BY SIZE OF CONTAINER

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
24/2½	342	404	568	636	189	238	108	318	181	39
24/8 oz.	726	450	646	438	171	259	200	306	209	51
24/303 & 300	1,498	1,125	1,637	1,545	602	1,106	794	1,309	881	397
6/10	926	1,005	1,267	1,442	648	731	516	771	858	244
Misc.	13	34	53	38	54	11	74	.....	.....	.....
Total a/c	3,505	3,019	4,170	4,097	1,663	2,345	1,692	2,704	2,129	731
Tot. Bas.2½'s	2,269	2,127	2,887	2,994	1,208	1,626	1,167	1,861	1,532	505

STYLE - 1982 pack (1983 in parentheses) thousands of actual cases - Halves - 2,187 (1,555); Whole Peeled - 88 (69); Whole Unpeeled - 70 (68). Report discontinued in 1984 to avoid disclosure.

APRICOTS—CARRYOVER—PACK—STOCKS—SHIPMENTS

(Thousands of Actual Cases—Figures Rounded, Season beginning year shown)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Carryover 6/1	1,141	711	419	1,056	1,527	381	316	153	724	476
Pack	3,505	3,019	4,170	4,097	1,663	2,345	1,692	2,704	2,129	731
Canner Supply	4,646	3,730	4,590	5,153	3,190	2,726	2,008	2,857	2,853	1,207
CANNER SHIPMENTS ¹										
6/1 - 12/1 (6/1 - 1/1)	2,509	2,008	2,004	2,087	1,637	1,375	1,227	1,246	1,310	699
12/1 - 3/1 (1/1 - 4/1)	894	723	714	763	607	558	335	435	556	224
3/1 - 6/1 (4/1 - 6/1)	532	580	816	777	565	477	292	452	511	229
Total Shipments	3,936	3,311	3,534	3,626	2,809	2,410	1,854	2,133	2,377	1,152
CANNER STOCKS ¹										
Dec. 1 (Jan. 1) ...	2,137	1,722	2,585	3,066	1,553	1,351	781	1,611	1,543	508
Mar. 1 (April 1) ...	1,243	999	1,872	2,304	946	793	445	1,176	987	284
June 1.	711	419	1,056	1,527	381	316	153	724	476	55
EXPORTS*	52	109	89	51	59.1	54.5	37.6	19.5	19.1	15.8
GOV. PURCHASES*										
Armed Forces ...	41.4	43.8	57.8	62.6	20.8	38.6	5.7	4.5	34.5	13.2
U.S.D.A.	115.4	.....	419.0	312.8	.....	16.0	.....	474.4	13.5	.....
Vet. Adm.	26.2	22.7	26.3	15.1	*15.4	n.a.	n.a.	n.a.	n.a.	n.a.

*Basis 1,000 cases 24/2½, calendar year for exports.
²⁷7/1/86 to 3/31/87.

*Estimate.

¹Dates in parentheses () apply to 1977 only.

U.S. PACKS OF RED TART PITTED CHERRIES*

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.

All figures refer to thousands of Actual Cases, all size containers.

1929 1,124	1939 3,155	1947 2,397	1955 4,902	1963 1,314	1971 1,477
1931 1,498	1940 3,423	1948 3,552	1956 2,749	1964 4,812	1972 1,631
1933 1,725	1941 2,064	1949 3,445	1957 3,604	1965 3,166	1973 765
1934 1,855	1942 3,062	1950 5,023	1958 2,746	1966 1,258	1974 1,592
1935 2,563	1943 562	1951 4,672	1959 4,128	1967 1,077	1975 1,639
1936 1,450	1944 3,072	1952 3,892	1960 2,219	1968 1,600	1976 550
1937 2,472	1945 1,326	1953 3,849	1961 3,139	1969 2,112	1977 772
1938 1,695	1946 3,086	1954 3,086	1962 4,224	1970 1,392	1978 735

PACK OF RP CHERRIES BY AREA AND SIZE OF CONTAINER

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
East	32	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Midwest	673	672	629	635	277	546	232	489	474	332
West	67	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total U.S.	772	735	718	707	315	642	299	580	592	390
Total Bas. 2½'s ...	605	582	526	545	213	471	189	389	390	253
24/303 & 300	322	274	385	301	218	336	243	406	437	299
6/10	357	440	333	407	97	306	56	173	(a)	(a)
Misc.	94	21	.....	.....	.....	.....	.....	154	91	.....

*Does not include pie filling. n.a. - In total. (a) Included in "Misc."

U.S. PACKS OF CANNED SWEET CHERRIES

Compiled by Nat'l. Food Processors Assn. & Northwest Food Processors Assn.

All figures refer to thousands of Actual Cases, all size containers

1923 (a)990	1932 (a)522	1941 934	1950 1,146	1959 1,104	1968 898
1924 (a) 596	1933 (a) 860	1942 1,022	1951 1,421	1960 1,094	1969 1,622
1925 (a) 609	1934 526	1943 912	1952 2,100	1961 1,847	1970 1,065
1926 1,236	1935 535	1944 932	1953 1,755	1962 1,839	1971 861
1927 568	1936 570	1945 1,415	1954 1,683	1963 876	1972 621
1928 914	1937 519	1946 2,082	1955 2,318	1964 1,678	1973 796
1929 1,017	1938 730	1947 680	1956 1,216	1965 1,241	1974 983
1930 (a)1,202	1939 1,073	1948 1,067	1957 1,684	1966 1,025	1975 648
1931 406	1940 630	1949 2,311	1958 1,659	1967 1,314	1976 717

(a) West only.

PACK OF SWEET CHERRIES BY AREA AND SIZE OF CONTAINER

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Northwest	620	578	751	439	336	566	549	391	426	352
Other States ¹	154	188	222	176	125	150	210	150	162	115
Total U.S.	774	766	973	615	461	716	759	542	588	466
Total Bas. 2½'s ...	501	485	651	428	316	498	496	357	405	327
24/2½	28	14	21	21	11	19	18	15	18	13
24/8 oz.	46	74	30	17	5	20	11	m	(m)	(m)
24/303*	528	498	649	368	301	423	551	375	360	279
6/10	172	177	270	205	135	249	174	135	193	161
Misc. ....	.....	3	2	4	9	4	5	16	17	14

¹ Michigan and New York thru 1980; Michigan only 1981-1983. Midwest thereafter.

*Includes 24/300's and

24/1 Tall. (m) - Included in "Misc."

CALIFORNIA PACK OF FRUIT COCKTAIL

Compiled by the California League of Food Processors and Cling Peach Advisory Board
Thousands of Actual Cases, Figures Rounded

1934 1,168	1941 4,989	1948 11,219	1955 14,886	1962 20,821	1969 26,039
1935 1,650	1942 5,484	1949 6,995	1956 17,485	1963 19,147	1970 19,481
1936 2,157	1943 5,653	1950 8,570	1957 16,690	1964 24,750	1971 20,562
1937 3,152	1944 6,302	1951 10,743	1958 16,762	1965 22,410	1972 17,738
1938 1,942	1945 6,112	1952 10,971	1959 18,730	1966 24,839	1973 20,030
1939 3,563	1946 7,832	1953 12,137	1960 19,936	1967 21,335	1974 22,211
1940 4,189	1947 9,082	1954 13,461	1961 20,949	1968 26,170	1975 20,236

FRUIT COCKTAIL PACKS BY SIZE OF CONTAINER

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
24/2½"	3,959	3,346	4,015	4,385	3,302	2,274	2,299	2,525	2,467	2,391
24/8 oz.	2,640	2,262	2,327	2,006	1,452	1,421	1,017	1,338	1,339	1,410
24/300 & 303.	10,365	8,962	10,258	10,445	9,690	6,921	6,388	6,298	7,033	6,382
6/10.	2,637	2,358	3,622	4,327	2,378	2,302	2,180	2,386	3,486	2,782
Total	19,601	17,428	20,222	21,163	16,822	12,918	11,884	12,547	14,325	12,965
Tot. Basis 2½'s ..	12,979	11,704	13,815	14,826	11,383	8,722	8,223	8,671	10,058	8,976

*To avoid disclosure, packs in sizes not shown have been converted to 2½'s and included with that size.

CALIFORNIA PACKS OF FRUITS FOR SALAD AND MIXED FRUITS

Thousands of Actual Cases, Figures Rounded

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
24/8 oz.	204	166	171	143	53	59	•	•	•	•
24/300 & 303.	1,057	1,630	2,935	2,146	1,571	2,004	926	1,985	1,865	1,180
24/2½"	² 262	472	447	521	521	250	253	418	394	289
6/10.	² 1,362	796	1,061	1,554	1,210	1,078	603	1,040	1,144	960
Tot actual cases. . .	2,885	3,063	4,613	4,364	3,355	3,391	1,782	3,443	3,403	2,429
Tot basis 24/2½. . .	2,160	2,153	3,145	3,215	2,545	2,401	1,335	2,506	2,509	1,845

*To avoid disclosure, packs in sizes not shown have been converted to 2½'s and included with that size.

²No. 2½ salad pack converted to 10's and included with that size.

FLORIDA PACK OF GRAPEFRUIT SEGMENTS

Compiled by Florida Citrus Processors Association

Thousands of Actual Cases, Figures Rounded—Pack year beginning Oct. 1 of year shown.

1925 88	1937.....3,655	1945.....2,272	1953.....5,070	1961.....4,621	1969.....3,906
1927 455	1938.....4,229	1946.....5,586	1954.....6,081	1962.....3,110	1970.....3,841
1929 1,175	1939.....4,073	1947.....3,426	1955.....5,483	1963.....3,589	1971.....3,113
1931 1,599	1940.....3,153	1948.....4,464	1956.....5,001	1964.....4,290	1972.....2,952
1933 2,398	1941.....4,410	1949.....3,414	1957.....4,650	1965.....4,603	1973.....3,349
1934 3,748	1942.....897	1950.....4,751	1958.....5,072	1966.....5,448	1974.....2,436
1935 2,411	1943.....985	1951.....3,819	1959.....4,375	1967.....4,011	1975.....1,710
1936 4,279	1944.....485	1952.....4,407	1960.....4,766	1968.....3,983	1976.....1,873

*1925-1961 are U.S. Total figures.

PACK OF GRAPEFRUIT BY SIZE OF CONTAINER

	1973	1974	1975	1976	1977	1978	1979	1980	1981	*1982
24/8 oz.	284	174	82	157	163	158	83 ¹	42 ¹	63 ¹	(a)
24/303	2,623	1,888	1,323	1,387	1,422	1,442	1,543	1,282	1,042	1,053
12/3 Cyl	442	374	305	326	324	368	407	387	283	234
Misc. ....	.....	.....	.....	2	3	.....	.....	.....	.....	.....
Total	3,349	2,436	1,710	1,873	1,912	1,969	2,033	1,711	1,388	1,287

*Reports discontinued 1983-84 season.

¹Basis 48/8 oz.

(a) 48/8 oz. included in 303's.

U.S. PACKS BLENDED GRAPEFRUIT & ORANGE JUICE

Thousands of Actual Cases, Figures Rounded — Pack beginning year shown.

1935.....81	1943.....5,563	1951.....5,615	1959.....3,766	1967.....1,809	1975.....2,363
1936.....266	1944.....7,016	1952.....5,263	1960.....2,644	1968.....2,141	1976.....1,262
1937.....526	1945.....11,800	1953.....5,577	1961.....3,288	1969.....1,984	1977.....1,557
1938.....676	1946.....9,076	1954.....4,353	1962.....2,635	1970.....2,046	1978.....1,138
1939.....1,301	1947.....10,568	1955.....4,580	1963.....2,135	1971.....1,626	1979.....1,279
1940.....2,285	1948.....9,457	1956.....4,492	1964.....2,084	1972.....1,710	1980.....860
1941.....2,043	1949.....6,492	1957.....4,140	1965.....2,384	1973.....1,573	1981.....673
1942.....3,108	1950.....8,269	1958.....3,624	1966.....3,053	1974.....1,363	

*FLORIDA PACK OF CANNED BLENDED JUICE

	1979	1980	1981	1982	1983	1984	1985
24/12 oz. ....	.....	.....	.....	.....	.....	.....	.....
48/6 oz.	25	23	21	11	17	20	29
12/3 cyl.	1,007	758	558	503	426	471	437
Other (Converted to 24/2's)...	10	.....	.....	.....	.....	.....	.....
Total.....	1,042	781	579	514	442	491	465
Total Basis 24/2's	1,314	984	727	650	555	615	477
Sweetened (Basis 24/2's)	62	23	19	8	7	6	4
Unsweetened (Basis 24/2's)...	1,252	961	708	643	548	609	572

U.S. PACKS OF GRAPEFRUIT JUICE

Thousands of Actual Cases, Figures Rounded — Pack beginning year shown.

1929.....116	1940.....14,071	1949.....10,795	1958.....9,938	1967.....14,063	1976.....25,921
1931.....287	1941.....11,051	1950.....16,298	1959.....9,862	1968.....17,207	1977.....25,505
1933.....740	1942.....20,061	1951.....8,469	1960.....9,566	1969.....20,080	1978.....24,451
1934.....2,556	1943.....22,637	1952.....10,515	1961.....9,811	1970.....23,854	1979.....24,223
1935.....2,236	1944.....19,261	1953.....14,638	1962.....8,380	1971.....24,891	1980.....19,303
1936.....6,016	1945.....22,483	1954.....11,041	1963.....5,662	1972.....25,987	1981.....21,383
1937.....8,022	1946.....15,173	1955.....12,814	1964.....9,741	1973.....26,579	
1938.....9,199	1947.....14,869	1956.....13,535	1965.....12,215	1974.....20,158	
1939.....9,657	1948.....12,803	1957.....9,335	1966.....18,377	1975.....24,544	

*FLORIDA PACK OF CANNED GRAPEFRUIT JUICE

	1979	1980	1981	1982	1983	1984	1985
24/12 oz.	760	756	793	709	734	706	718
48/6 oz.	5,782	5,036	4,827	3,897	3,452	3,807	3,701
12/3 cyl.	9,368	8,019	9,355	6,688	5,234	5,891	5,443
Other (Converted to 24/2's)...	268	119	20	31	32	13	44
Total.....	16,178	13,931	14,996	11,325	9,452	10,417	9,906
Total Basis 24/2's	16,604	14,231	15,725	11,651	9,513	10,552	9,948
Sweetened (Basis 24/2's)	501	422	389	352	224	364	267
Unsweetened (Basis 24/2's)...	16,103	13,810	15,336	11,299	9,288	10,188	9,680

U.S. PACKS OF ORANGE JUICE

Thousands of Actual Cases, Figures Rounded—Pack beginning year shown.

1939 3,578	1946 17,135	1953 17,491	1960 13,169	1967 12,551	1974 13,011
1940 4,012	1947 23,993	1954 18,771	1961 16,146	1968 15,691	1975 13,262
1941 4,406	1948 18,039	1955 17,953	1962 13,367	1969 17,082	1976 14,187
1942 2,703	1949 17,667	1956 20,059	1963 10,639	1970 16,966	1977 16,166
1943 7,372	1950 20,871	1957 18,562	1964 13,496	1971 15,927	1978 18,905
1944 14,229	1951 19,126	1958 15,868	1965 14,145	1972 17,506	1979 19,622
1945 19,397	1952 17,822	1959 18,022	1966 17,629	1973 14,615	1980 19,146
					1981 15,956

*FLORIDA PACK OF CANNED ORANGE JUICE

	1979	1980	1981	1982	1983	1984	1985
24/12 oz.	1,323	1,550	1,542	1,544	1,363	1,089	1,097
48/6 oz.	6,194	6,112	5,578	4,756	4,290	3,699	3,394
12/3 cyl.	6,726	6,031	5,226	4,310	4,080	3,285	3,526
Other (Converted to 24/2's)...	259	195	75	91	99	34	95
Total.....	14,503	13,887	12,421	10,702	9,832	8,107	8,111
Total Basis 24/2's	13,869	13,012	11,503	9,802	9,084	7,425	7,596
Sweetened (Basis 24/2's)	1,476	1,093	687	635	566	518	525
Unsweetened (Basis 24/2's)...	12,394	11,919	10,817	9,167	8,518	6,907	7,071

*Florida only. Season beginning year shown. Thousands of cases. Source: Florida Citrus Processors Association.

U.S. PACKS OF PEACHES†

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn.
California figures compiled by California League of Food Processors and the Cling Peach Advisory Board.

Thousands of Actual Cases, Figures Rounded

1923 7,466	1932 6,633	1941 14,778	1950 18,576	1959 35,225	1968 45,822
1924 6,331	1933 10,576	1942 16,726	1951 25,826	1960 36,016	1969 45,700
1925 10,755	1934 8,936	1943 11,450	1952 22,727	1961 36,537	1970 34,290
1926 14,482	1935 11,747	1944 14,036	1953 25,557	1962 38,846	1971 31,514
1927 11,836	1936 11,183	1945 14,675	1954 22,118	1963 38,113	1972 29,321
1928 14,975	1937 13,880	1946 20,755	1955 27,357	1964 43,951	1973 29,943
1929 8,724	1938 10,400	1947 19,496	1956 34,092	1965 34,457	1974 39,695
1930 13,803	1939 12,116	1948 18,644	1957 29,776	1966 42,950	1975 34,980
1931 8,752	1940 11,464	1949 21,443	1958 29,808	1967 32,041	1976 30,465

† Spiced Peaches not included.

PACK OF PEACHES BY STATE AND SIZE OF CONTAINER

Thousands of Actual Cases — Figures Rounded — Season beginning year shown.

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
California										
Cling	33,791	24,883	30,391	30,624	26,033	22,652	14,339	24,259	21,935	18,632
Free	1,901	1,571	1,990	1,832	1,003	915	944	1,090	1,310	1,250
Other States, Free.	229	333	304	288	314	14	21			
Tot. U.S. a/c	35,921	26,786	32,685	32,744	27,351	23,581	15,304	25,349	23,245	19,882
Tot. Basis 2½	29,217	21,413	25,840	26,765	21,763	18,608	11,417	19,512	18,401	15,506
24/8Z	2,567	2,059	2,551	1,598	1,489	1,327	(a)	1,372	1,221	1,257
24/303*	9,478	7,169	9,778	9,334	9,148	8,010	6,428	9,825	7,862	16,592
24/2½**	15,859	11,386	12,188	12,618	9,819	7,645	3,620	6,818	7,202	6,145
6/10	7,608	6,028	7,950	9,128	6,487	6,548	4,182	17,133	16,799	15,277
Misc. tin & gl.	409	143	219	66	408	51	1,074	202	161	611

* Includes 303 and No. 1 Tall. (a) In Miscellaneous. † Cling only. Freestone this size included in Misc.

** May include Calif. clings packed in misc. sizes not listed converted to 24/2½.

CANNED PEACHES—CARRYOVER—PACK—STOCKS—SHIPMENTS

Thousands of Actual Cases — Figures Rounded. Season beginning year shown

	1977	1978	1979	1980	1981	1982	†1983	†1984	†1985	†1986
Carryover 6/1	7,474	8,496	4,773	6,951	9,359	10,484	7,034	1,729	5,847	7,232
Pack	35,921	26,786	32,685	32,744	27,351	23,581	14,339	24,259	21,935	18,632
Canner Supply ..	43,395	35,283	37,458	39,695	36,710	34,066	21,373	25,988	27,782	25,864
CANNER SHIPMENTS ¹										
6/1-12/1 (6/1-1/1)	20,873	18,847	17,051	16,231	12,607	13,927	11,933	10,399	9,000	10,989
12/1-3/1 (1/1-4/1)	8,638	6,923	6,500	6,366	6,488	6,699	3,825	4,933	5,236	5,490
3/1-6/1 (4/1-6/1)	5,388	5,220	6,956	7,739	7,131	6,175	3,885	4,809	6,314	5,312
Total Ship	34,899	30,510	30,506	30,336	26,226	26,801	19,644	20,141	20,550	21,791
CANNER STOCKS ¹										
Dec. 1 (Jan. 1) ...	22,522	16,436	20,407	23,464	24,103	20,139	9,440	15,589	18,782	14,875
Mar. 1 (April 1) ...	13,885	9,993	13,907	17,098	17,616	13,440	5,615	10,656	13,546	9,385
June 1	8,496	4,773	6,951	9,359	10,484	7,265	1,729	5,847	7,232	4,073
EXPORTS**	2,655	4,180	2,622	2,818	2,689	1,885	1,329	675	511	876
GOVMT. PURCHASES**										
ARMED Forces ..	179.4	96.2	251.5	271.1	148.6	142.5	138.2	116.2	162.1	135.0
USDA	2,155.3	683.8	850.2	1,196.0	1,881.9	1,482.7	809.3	705.0	606.5	2654.1
Vet Admin	35.8	47.4	51.5	38.4	40.0	n.a.	n.a.	n.a.	n.a.	n.a.

** Basis 1,000 cases 24/2½. Calendar year for Exports. † Dates in parentheses () apply to years prior to 1978. n.a. - Not available. ‡ California clingstone only. Not comparable to earlier years. § July 1, 1986 thru March 31, 1987.

U.S. PACKS OF PEARS

Compiled by Economics & Statistics Div., Nat'l. Food Processors Assn.;
beginning in 1981 by the Northwest Food Processors Assn. and the California League of Food Processors.

Thousands of Actual Cases, Figures Rounded

1923 ...	*1,837	1932....	3,672	1941.....	7,166	1950.....	8,139	1959... ..	12,679	1968... ..	14,320
1924 ...	*2,205	1933....	4,997	1942.....	6,423	1951.....	9,003	1960... ..	11,483	1969... ..	14,736
1925 ...	4,108	1934....	6,163	1943.....	4,648	1952.....	8,187	1961... ..	12,098	1970... ..	11,680
1926 ...	*3,418	1935....	4,944	1944.....	4,802	1953.....	7,923	1962... ..	12,684	1971... ..	14,154
1927 ...	3,061	1936....	6,365	1945.....	4,625	1954... ..	10,717	1963... ..	7,572	1972... ..	12,299
1928 ...	*4,315	1937....	5,411	1946.....	5,547	1955... ..	11,516	1964... ..	15,287	1973... ..	13,641
1929 ...	4,981	1938....	5,198	1947.....	5,986	1956... ..	12,086	1965... ..	8,509	1974... ..	14,937
1930 ...	4,594	1939....	5,102	1948.....	4,744	1957... ..	11,725	1966... ..	15,264	1975... ..	13,152
1931 ...	3,932	1940....	6,028	1949.....	6,924	1958... ..	10,566	1967... ..	8,142	1976... ..	15,541

*West only.

PACK OF PEARS BY STATE AND SIZE OF CONTAINER

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Northwest.....	8,973	8,208	9,956	9,798	9,200	8,080	9,752	10,415	10,481	9,719
California.....	4,539	4,088	4,380	4,676	3,812	2,339				
Total U.S. A/C...	13,511	12,297	14,336	14,474	13,012	10,419	9,752	10,415	10,481	9,719
Tot. Bas. 2½.....	9,614	9,026	10,568	10,928	9,700	7,789	7,214	7,657	7,813	7,209
24/8Z.....	1,778	1,143	1,462	1,064	925	826	693	892	830	787
24/303*.....	5,498	5,087	5,482	5,515	5,352	4,016	4,120	4,343	4,121	3,883
24/2½.....	2,940	2,837	2,892	2,689	2,342	1,639	1,688	1,769	1,895	1,700
6/10.....	3,295	3,230	4,501	5,206	4,393	3,938	3,232	3,398	3,617	3,334
Miscellaneous....	.....	.....	.....	.....	.....	.....	19	13	18	15

*Includes 300 and No. 1 Tall.

U.S. PACKS OF PURPLE PLUMS

Compiled by Economics & Statistics Div., Nat'l Food Processors Assn. & Northwest Food Processors Assn.

Thousands of Actual Cases, Figures Rounded

1934	1,035	1941	1,948	1948	937	1955	1,930	1962	2,402	1969	2,651
1935	1,695	1942	1,085	1949	1,806	1956	2,540	1963	1,380	1970	977
1936	1,818	1943	1,760	1950	1,018	1957	1,200	1964	1,794	1971	1,442
1937	1,617	1944	1,117	1951	2,603	1958	1,531	1965	1,996	1972	461
1938	704	1945	1,647	1952	1,735	1959	1,974	1966	1,730	1973	1,564
1939	2,213	1946	3,576	1953	1,467	1960	456	1967	2,163	1974	1,488
1940	1,161	1947	1,851	1954	1,835	1961	1,959	1968	871	1975	1,697
										1976	1,243

PURPLE PLUM PACKS BY STATE & SIZE OF CONTAINER

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Northwest.....	607	309	444	826	707	333	228	423	516	491
Michigan.....	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other States	425	819	452	480	451	146	321	303	280	141
Total U.S.	1,032	1,128	896	1,305	1,157	479	549	726	796	778
Tot Basis 24/2½'s	817	923	711	1,066	940	375	443	577	642	632
24/8Z.....	55	26	34	26	27	(a)	(a)	(a)	(a)	(a)
24/303*.....	359	346	311	414	358	178	184	263	261	260
24/2½.....	350	287	213	354	232	82	90	114	99	134
6/10.....	268	469	338	511	540	204	268	338	426	381
Miscellaneous....	.....	.....	.....	.....	.....	15	6	11	10	3

*Includes 300 and No. 1 Tall.

(a) Included in Other States or Miscellaneous.

U.S. PACKS OF CANNED FISHERY PRODUCTS

Source: National Marine Fisheries Service, N.O.A.A., U.S. Department of Commerce

Thousands of Pounds—Figures Rounded

1933.....	518,996	1944.....	658,660	1955.....	843,696	1966.....	1,187,547	1977.....	1,421,295
1934.....	681,304	1945.....	646,386	1956.....	977,763	1967.....	1,189,392	1978.....	1,597,329
1935.....	647,642	1946.....	699,378	1957.....	987,602	1968.....	1,267,025	1979.....	1,439,080
1936.....	769,573	1947.....	754,129	1958.....	1,094,602	1969.....	1,168,281	1980.....	1,516,097
1937.....	717,270	1948.....	782,208	1959.....	969,135	1970.....	1,345,891	1981.....	1,476,198
1938.....	649,413	1949.....	855,015	1960.....	1,083,418	1971.....	1,328,816	1982.....	1,283,376
1939.....	688,270	1950.....	967,115	1961.....	1,042,740	1972.....	1,596,830	1983.....	1,390,795
1940.....	681,194	1951.....	800,509	1962.....	1,133,710	1973.....	1,647,357	1984.....	1,410,750
1941.....	885,962	1952.....	809,495	1963.....	1,035,909	1974.....	1,554,006	1985.....	1,161,146
1942.....	660,342	1953.....	792,194	1964.....	1,095,566	1975.....	1,382,428	1986*	1,329,935
1943.....	620,880	1954.....	862,523	1965.....	1,121,629	1976.....	1,565,157		

PACK AND VALUE OF CANNED FISHERY PRODUCTS BY TYPE

			1985			*1986		
	Plants ⁴	lbs. per case	Standard cases	Thousands of pounds	Thousands of dollars	Standard cases	Thousands of pounds	Thousands of dollars
For human consumption:								
Fish:								
Gefiltefish.....	4	48	469,474	22,535	13,702	487,620	23,406	19,045
Herring.....	9	48	62,460	2,998	5,599	140,635	6,750	10,999
Mackerel.....	4	45	340,513	15,323	6,614	376,109	18,053	6,770
Roe and caviar.....	6	48	17,130	822	3,356	16,725	803	3,556
Salmon:								
Natural.....	95	48	3,311,313	158,943	227,635	2,957,602	141,965	265,464
Specialties.....	23	48	5,180	249	1,020	6,555	315	1,399
Sardines, Maine.....	11	23.4	855,393	20,016	37,784	666,701	15,601	27,736
Tuna:								
Solid ¹	14	19.5	6,380,922	124,428	252,211	7,612,889	148,451	300,211
Chunk.....	10	19.5	21,533,742	419,908	567,905	24,985,052	487,209	580,231
Flakes and grated... ²	3	18	36,483	657	653	65,070	1,171	1,076
Total tuna.....			27,951,147	544,993	820,769	32,663,011	636,831	881,518
Specialties.....	9	48	126,745	6,084	4,460	259,590	12,460	14,396
Other.....		48	180,949	8,685	9,654	486,207	23,338	10,525
Total fish.....			33,320,304	780,648	1,130,593	38,060,755	879,522	1,241,408
Shellfish:								
Clams and clam products ² :								
Whole and minced...	17	15	1,667,532	25,013	53,420	1,428,044	21,421	50,195
Chowder and juice...		30	2,484,015	74,520	42,281	2,730,136	81,904	55,986
Specialties.....	8	48	364,394	17,491	13,617	267,164	12,824	11,186
Crabs:								
Natural.....	5	19.5	28,367	553	1,713	28,972	565	2,199
Specialties.....	4	48	8,836	424	208	8,645	415	343
Lobster Meat and								
specialties.....	5	48	18,787	902	1,238	18,775	901	1,270
Oysters, specialties...	8	48	46,035	2,210	1,797	70,317	3,375	3,799
Shrimp:								
Natural ³	13	6.75	592,779	4,001	18,959	679,540	4,587	23,119
Specialties.....	4	48	24,841	1,192	1,161	19,319	927	952
Squid.....	3	48	76,246	3,660	1,093	(a)	(a)	(a)
Other.....	8	48	51,341	2,464	3,231	46,934	2,253	3,424
Total shellfish.....			5,363,173	132,430	138,718	5,297,846	129,172	152,473
Total for human consumption			38,683,477	913,078	1,269,311	43,358,601	1,008,694	1,393,881
For bait and animal food:								
Animal food.....	23	48	5,165,233	247,931	89,483	6,689,699	321,106	99,689
Salmon eggs.....	3	48	2,848	137	1,520	2,823	135	808
Total for bait and animal food		48	5,168,081	248,068	91,003	6,692,522	321,241	100,947
Grand total.....			43,851,558	1,161,146	1,360,314	50,051,123	1,329,935	1,494,378

¹Standard case changed from 21 lb. to 19.5 lb. ²"Cut out" or "drained" weight of can contents are given for whole or minced clams, and net contents for other clam products. ³Drained weight. ⁴Number of plants in 1985. (a) Included in other shellfish. *All 1986 data preliminary.

U.S. PACKS OF CANNED FISHERY PRODUCTS—Continued

PACK AND VALUE OF CANNED FISHERY PRODUCTS BY STATE

Source: U.S. Dept. of Commerce, NOAA, National Marine Fisheries Service.

Thousands of Standard Cases and Dollars—Figures Rounded

State/Area and No. of plants (1977)-1985	1978	1979	1980	1981	1982	1983	*1984	1985
New Eng. (20)-15 ¹ Pack	1,937	2,157	1,841	2,261	1,753	1,370	1,462	1,622
Value	59,642	70,622	64,352	80,572	66,433	52,517	58,167	67,955
Mid Atlantic (26)-23 Pack	2,744	2,814	2,874	3,256	3,897	4,200	4,493	4,806
Value	72,370	74,248	77,382	85,785	97,347	97,905	106,882	117,568
New York (5)-3 Pack	138	108	149	145	99	101	34	44
Value	4,789	4,776	6,046	6,277	4,663	4,769	2,698	2,919
New Jersey (12)-11 Pack	1,355	1,387	1,388	1,478	1,727	1,621	1,852	1,927
Value	38,109	40,843	41,697	43,122	48,377	47,164	54,446	54,036
Pennsylvania (3)-3 Pack	1,103	1,319	1,327	1,532	1,938	589	554	619
Value	28,381	28,629	29,639	35,032	42,491	12,640	12,245	15,091
Delaware (2)-3 Pack	(p)	(p)	(p)	(p)	(p)	1,889	1,875	2,216
Value	(p)	(p)	(p)	(p)	(p)	33,332	34,757	45,522
Maryland (1)-1 . . . . .	.....	.....	.....	.....	.....	(p)	(v)	(p)
Virginia (3)-2 Pack	148	(p)	(p)	101	133	(p)	178	(p)
Value	1,091	(p)	(p)	1,354	1,816	(p)	2,736	(p)
S.E. & Gulf (26)-16 Pack	5,394	4,452	4,828	3,843	3,977	3,424	2,866	2,161
Value	64,860	59,645	87,530	65,195	64,719	73,048	58,444	38,650
NC (3)-3 & SC (2)-2 Pack	135	112	206	145	131	139	77	51
Value	6,969	5,533	9,489	7,389	7,073	7,425	5,654	2,730
Florida (2)-1	(m)	(l)	(cm)	(cm)	(cm)	(cm)	(cm)	(m)
Texas (0)-1 . . . . .	.....	.....	.....	.....	.....	(m)	(m)	(m)
Louisiana (12)-8 Pack	1,371	814	1,498	957	658	901	678	417
Value	28,802	26,953	48,970	31,580	24,870	31,354	24,127	12,220
Mississippi (7)-1 Pack	3,888	3,526	3,124	2,741	3,188	2,384	2,111	1,692
Value	29,089	27,159	29,071	26,226	32,776	34,269	28,663	23,700
Midwest (5)-5 ² Pack	214	4	5	67	203	94	92	55
Value	5,306	97	352	745	2,638	1,177	1,165	913
West Coast (133)-120 Pack	25,509	22,977	25,720	23,906	18,186	19,760	14,903	6,627
Value	905,090	869,826	1,034,441	1,011,727	618,382	708,275	594,440	296,056
Alaska (62)-85 Pack	3,795	3,816	4,681	4,575	2,438	3,792	4,463	3,189
Value	244,268	286,986	401,377	384,137	170,458	306,259	327,140	213,612
California (17)-8 Pack	20,027	17,502	20,841	18,840	15,339	15,697	9,710	2,829
Value	614,792	536,504	620,489	599,424	429,390	387,577	247,352	67,934
Oregon (11)-6 Pack	1,198	1,172	2	39	36	3	444	404
Value	31,290	29,678	308	1,155	1,461	265	7,068	6,866
Washington (43)-21 Pack	489	487	196	452	373	268	286	206
Value	14,740	16,658	12,267	27,011	17,073	14,174	12,880	7,644
Islands (8)-7 ³ Pack	22,586	19,628	18,292	19,729	17,805	21,116	27,086	28,581
Value	776,856	668,893	663,599	709,947	607,964	601,556	757,117	839,172
Total (218)-186 Pack	58,383	52,032	53,561	53,062	45,820	49,964	50,956	43,852
Value	1,884,124	1,743,331	1,927,656	1,953,971	1,457,483	1,534,478	1,577,463	1,360,314
Total Fish & Pack	41,303	36,988	37,072	39,162	31,761	35,882	37,534	33,320
Fish Spec. Value	1,569,260	1,443,133	1,596,285	1,659,703	1,174,316	1,236,819	1,285,974	1,130,593
Total Shellfish Pack	5,847	5,049	5,930	5,384	5,576	5,677	5,732	5,363
& Spec. Value	149,905	149,882	185,663	159,706	151,119	156,785	149,558	138,718
Total Human Pack	47,149	42,037	43,002	44,546	37,337	41,558	43,266	38,683
Consumption Value	1,719,165	1,593,015	1,781,948	1,819,409	1,325,435	1,393,604	1,435,532	1,269,311
Total Animal Pack	11,234	9,995	10,559	8,516	8,484	8,406	7,690	5,168
Food & Bait. Value	164,959	150,316	145,708	134,562	132,048	140,874	141,931	91,003
TOTAL NO. PLANTS	181	163	168	186	193	175	180	186

¹ Number of plants: CT (0)-1; ME (18)-13; MA (2)-0; RI (0)-1. ² Number of plants: KS (0)-1; MI (2)-2; OH (0)-1; WI (3)-1. ³ Number of plants: Hawaii (1)-0; Puerto Rico (5)-5; Amer. Samoa (2)-2. (p) Included in PA. (v) Included in VA. (m) Included in MS. (l) Included in LA. (cm) Florida east coast included with Carolinas, West Coast included with MS. * Totals revised. State and area data will not add to totals due to minor corrections not available by state to prevent disclosure of individual operations.

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS (1943 to present): Salmon 48 lbs.; Sardines (Me.) 23.4 lbs. (20.3 lbs. 1942-1957); Shrimp (wetpack) 6.75 lbs. (15 lbs. 1952-1964); Tuna (solid) 19.5 lbs. (21 lbs. 1952-1984); (chunk) 19.5 lbs. (18 lbs. 1942-1951); Flake 18 lbs.; Clams (whole or minced) 15 lbs.; Clam Juice, Chowder, etc. 30 lbs.; Crabmeat 19.5 lbs. (39 lbs. 1941-1947); Mackerel 45 lbs.; Oysters 7 lbs. (14 lbs. 1948-1969).

U.S. TOTAL CANNED SALMON PACKS

NOTE—Data thru 1983 revised with the 1985 Almanac.

Thousands of Standard Cases, Basis 48 1-lb. Cans—Figures Rounded

1927	5,077	1936	8,965	1945	4,908	1954	4,163	1963	3,295	1972	1,935
1928	6,927	1937	7,555	1946	4,510	1955	3,289	1964	3,759	1973	1,495
1929	6,991	1938	7,280	1947	5,641	1956	3,505	1965	3,634	1974	1,829
1930	6,086	1939	5,992	1948	4,825	1957	3,207	1966	4,358	1975	1,555
1931	6,740	1940	5,605	1949	5,525	1958	3,732	1967	2,072	1976	2,611
1932	5,909	1941	7,832	1950	4,310	1959	2,466	1968	3,448	1977	2,827
1933	6,362	1942	5,835	1951	4,646	1960	2,912	1969	2,551	1978	3,095
1934	8,383	1943	5,704	1952	4,464	1961	3,697	1970	3,822	1979	3,100
1935	6,028	1944	5,139	1953	3,912	1962	3,837	1971	3,509	1980	4,166

TOTAL CANNED SALMON PACKS BY AREA

Thousands of Standard Cases and Millions of Dollars—Figures Rounded

	1977	1978	1979	1980	1981	1982	1983	1984	1985	†1986
Alaska										
Pack	2,594	3,082	3,049	4,131	4,310	2,263	3,746	4,104	3,143	n.a.
Value	189	220	253	371	362	165	304	316	212	n.a.
Other U.S. & Possessions										
Pack	233	13	52	35	166	72	28	40	168	n.a.
Value	21	2	5	5	18	9	3	5	15	n.a.
Total Salmon										
Pack	2,827	3,095	3,100	4,166	4,476	2,335	3,774	4,144	3,311	2,958
Value	210	222	158	376	380	174	307	320	228	265

CANNED SALMON PACK BY VARIETY BY AREA

Thousands of Standard Cases—Figures Rounded

	1977	1978	1979	1980	1981	1982	1983	1984	1985	†1986
CHINOOK OR KING										
Alaska	9	15	10	8	4	1	8	2	3	n.a.
Washington	5	(c)	3	1	13	(b)	(b)	(b)	!	n.a.
Oregon	1	2	1	(b)	(b)	(b)	(b)	(b)	(d)	n.a.
Total	15	17	14	9	17	2	8	3	3	2
CHUM or KETA										
Alaska	460	321	140	433	585	191	270	336	161	n.a.
Washington(f)	11	3	.....	(b)	(e)	1	(b)	(b)	(e)	n.a.
Oregon	.....	.....	.....	.....	.....	.....	.....	.....	n.a.	n.a.
Total	471	324	140	433	585	192	271	337	161	159
PINK										
Alaska	1,342	1,824	1,812	2,257	2,545	1,746	2,042	2,614	2,516	n.a.
Washington(f)	127	4	35	10	122	18	19	13	164	n.a.
Oregon	.....	.....	.....	.....	(d)	.....	.....	.....	(d)	n.a.
Total	1,469	1,828	1,847	2,267	2,668	1,764	2,061	2,627	2,681	2,344
RED or SOCKEYE										
Alaska	762	895	1,045	1,387	1,139	298	1,381	1,096	446	n.a.
Washington(f)	71	4	10	14	22	48	6	24	3	n.a.
Oregon	.....	.....	.....	.....	.....	.....	.....	.....	n.a.	n.a.
Total	833	899	1,055	1,401	1,161	345	1,387	1,119	449	396
SILVER or COHO										
Alaska	22	27	42	46	37	27	45	56	17	n.a.
Washington(f)	18	1	2	10	8	5	2	3	1	n.a.
Oregon	(b)	1	(d)	(d)	(b)	(b)	(b)	(b)	(d)	n.a.
Total	40	28	44	56	46	32	48	58	18	57
TOTAL ALL VARIETIES										
Alaska	2,594	3,082	3,049	4,131	4,310	2,263	3,746	4,104	3,143	n.a.
Washington(f)	231	11	51	35	166	72	28	40	168	n.a.
Oregon	2	2	1	(b)	1	(b)	(b)	(b)	(d)	n.a.
Grand Total	2,827	3,095	3,100	4,166	4,476	2,335	3,774	4,144	3,311	2,958
NUMBER OF PLANTS PACKING SALMON										
Alaska	50	42	42	50	57	71	69	79	81	n.a.
Washington	21	14	13	15	18	18	9	10	8	n.a.
Oregon	6	6	4	3	4	4	4	4	4	n.a.
California	1	1	1	.....	.....	.....	.....	.....	.....	n.a.
Amer. Sam. & P.R.	.....	.....	.....	.....	.....	.....	.....	.....	2	n.a.
Total	78	63	60	68	79	93	82	93	95	n.a.

* Includes a small California pack. (a) Included with Silver or Coho. (b) Less than 500 cases.
 (c) Included with Chum. (d) Included with Washington. (e) Included with Chinook. (f) Includes all
 production outside of Alaska beginning 1985. n.a. - Not available at press time. † Preliminary.
 † Includes small amount of steelhead. r - revised.

U. S. PACKS OF CANNED TUNA AND TUNA LIKE FISHES

Thousands of Standard Cases — Basis 48 No. ½
Solid Pack 7 oz., Chunks 6½ oz., Flakes or Grated 6 oz.

1927 1,256	1936..... 2,681	1945..... 4,532	1954.... 10,889	1963.... 16,627	1972.... 31,547
1928 1,216	1937..... 3,145	1946..... 4,784	1955.... 9,938	1964.... 17,714	1973.... 32,640
1929 1,504	1938..... 2,754	1947..... 5,894	1956.... 11,834	1965.... 18,143	1974.... 33,758
1930 2,011	1939..... 3,643	1948..... 7,038	1957.... 11,903	1966.... 20,183	1975.... 27,462
1931 1,217	1940..... 4,188	1949..... 7,290	1958.... 14,205	1967.... 19,993	1976.... 30,468
1932 1,206	1941..... 2,932	1950..... 9,017	1959.... 14,389	1968.... 20,226	1977.... 28,134
1933 1,443	1942..... 2,485	1951..... 8,237	1960.... 15,320	1969.... 20,350	1978.... 35,816
1934 1,967	1943..... 2,696	1952..... 9,121	1961.... 15,927	1970.... 22,203	1979.... 31,478
1935 2,511	1944..... 3,560	1953..... 9,580	1962.... 17,050	1971.... 22,490	1980.... 30,733

Thousands of Standard Cases and Millions of Dollars

	1977	1978	1979	1980	1981	1982	1983	1984	†1985	†1986
TUNA										
Pack.....	27,660	35,635	31,403	30,509	31,754	27,087	29,941	31,046	27,951	32,663
Value (\$mil.)...	907	1,273	1,104	1,144	1,180	918	859	872	821	882
TUNA LIKE FISHES										
Pack.....	473	180	76	224	272	83	n.a.	n.a.	n.a.	n.a.
Value (\$mil.)...	10.6	3.7	1.6	5.5	6.4	2.1	n.a.	n.a.	n.a.	n.a.
TOTAL TUNA AND TUNA LIKE FISHES										
Pack.....	28,134	35,816	31,478	30,733	32,026	27,170	n.a.	n.a.	n.a.	n.a.
Value (\$mil.)...	917	1,278	1,106	1,149	1,187	921	n.a.	n.a.	n.a.	n.a.

n.a. - Not available. Less than 3 plants packing. The pack of misc. Tuna products (smoked, spreads, in sauces and with noodles), not included in above figures, totaled 311,042 std. cases valued at \$10,978,000 in 1984.

TUNA PACKS BY KIND—AREA—STYLE—CAN SIZE

Thousands of Standard Cases

	1977	1978	1979	1980	1981	1982	1983	1984	†1985	†1986
ALBACORE*										
Cont'l. U.S.	1,909	1,554	1,291	1,275	1,532	954	767	998	n.a.	n.a.
Hawaii & U.S. Terr. ...	4,312	5,566	4,514	4,231	4,294	5,066	4,360	5,587	n.a.	n.a.
Tot Albacore...	6,221	7,120	5,805	5,506	5,826	6,020	5,127	6,585	6,772	8,070
LIGHTMEAT*										
Cont'l. U.S.	10,696	14,092	12,615	13,013	11,702	9,427	9,128	5,634	n.a.	n.a.
Hawaii & U.S. Terr. ...	10,743	14,423	12,982	11,990	14,226	11,639	15,686	18,828	n.a.	n.a.
Tot. Lightmeat...	21,439	28,515	25,598	25,003	25,928	21,067	24,814	24,461	21,179	24,593
STYLE*										
Solid.....	6,279	7,269	5,835	5,134	5,440	7,023	4,635	6,052	6,381	7,613
Flakes & Grated	523	665	578	377	264	157	174	127	36	65
Chunks.....	20,858	27,701	24,990	24,998	26,050	19,908	25,132	24,866	21,534	24,985
BONITO										
Total (Calif.)...	473	180	376	324	272	83	n.a.	n.a.	n.a.	n.a.
CAN SIZE Thous. of actual cases										
12/4 lb.....	1,042	1,065	881	n.a.	n.a.	n.a.	635	607	497	P
48/1 lb.....	1,671	1,154	4,638	n.a.	n.a.	n.a.	1,836	2,238	1,852	P
48/½ lb.....	18,762	24,484	21,753	n.a.	n.a.	n.a.	22,541	22,930	21,817	P
48/¼ lb.....	1,646	2,359	2,421	n.a.	n.a.	n.a.	2,099	1,932	1,770	P
24/9¼ oz.....	604	441	1,333	n.a.	n.a.	n.a.	1,947	2,112	583	P
Other (conv. to Std.)	25	2,192	1,315	n.a.	n.a.	n.a.	157	160	150	P
Total.....	26,928	31,696	32,341	n.a.	n.a.	n.a.	29,215	29,979	26,669	P
NUMBER OF PLANTS PACKING TUNA										
California	7	7	7	5	5	6	4	.....	1	P
Oregon.....	5	3	3	1	3	3	3	3	2	P
Washington....	5	3	3	5	4	3	3	.....	4	P
Puerto Rico....	5	5	5	5	5	5	5	5	5	P
Other ¹	4	3	3	3	3	3	3	4	3	P
Total Plants	26	21	21	19	20	20	18	12	15	P

¹ Hawaii & American Samoa. Beginning 1985 no plants packing in Hawaii but 1 plant packing in Rhode Island and 2 in American Samoa. ² Includes Yellowtail. n.a. - Not available. † Not strictly comparable with earlier years. Compilation of data for solid pack Albacore and Lightmeat changed from 21 lb. to 19.5 lb. standard cases. 1986 data preliminary. * Excludes Bonito. P - Not available at press time.

PACKS OF CANNED MEAT PRODUCTS†

Source: USDA, FSIS—Courtesy & Cooperation, American Meat Institute
Thousands of Pounds Processed Under Federal Inspection—Calendar year

	1977	1978	1979	1980	*1981	1982	1983	1984	1985	1986
Luncheon Meat...	264,947	278,572	278,501	271,320	259,798	221,599	205,722	182,885	157,329	163,355
Canned Hams....	275,666	271,991	287,809	308,282	246,844	194,003	190,348	155,186	120,725	95,078
Hash Products...	78,096	84,984	80,640	83,525	72,832	74,353	87,807	96,690	69,072	107,753
Chili Con Carne...	318,146	335,717	333,621	343,395	312,262	312,223	329,296	309,561	302,902	317,240
Vienna Sausage...	119,835	116,035	98,050	89,643	96,736	84,952	90,792	86,763	80,513	89,492
Franks & Wieners										
in Brine.....	5,503	2,664	2,055	1,241	1,420	1,752	955	828	1,740	1,653
Deviled Ham.....	13,727	15,350	12,746	11,692	12,291	10,802	9,746	8,142	8,718	8,097
Potted Products										
& Spreads.....	43,895	45,680	39,798	37,381	38,291	33,576	32,864	34,790	27,612	30,085
Tamales.....	31,235	29,863	35,008	31,324	21,992	21,970	19,889	19,226	23,279	19,580
Sl. Dr. Beef.....	4,620	4,810	3,715	3,025	2,878	3,257	3,536	2,772	1,374	758
Chopped Beef-										
Hamburger (a)	11,050	8,277	1,677	7,229	12,126	11,836	11,566	12,535	11,707	11,705
Corned Beef (a)	3,831	1,874	1,677	887	828	795	810	379	823	17,074
Meat Stew.....	148,800	156,097	145,114	138,830	125,915	131,975	152,296	145,917	146,771	140,088
Pasta Meat										
Products.....	428,503	426,362	436,107	392,590	379,786	382,232	384,301	435,173	450,072	332,811
Misc. Sausage										
Products.....	24,669	28,181	26,728	23,986	27,045	21,922	21,115	20,936	16,537	11,304
Soups.....	727,967	789,291	741,884	678,918	569,071	n.a.	n.a.	n.a.	n.a.	n.a.
Vinegar Pickled										
Products.....	18,017	19,361	17,854	18,684	16,321	13,971	14,256	14,634	10,960	4,978
By Products,										
Not Pickled....	9,043	4,613	7,256	4,592	3,097	2,850	3,192	2,913	2,278	2,025
Pork Pic./Loins...	18,260	15,673	12,645	23,374	15,132	8,016	22,315	16,996	7,387	1,863
Other-20% or										
More Meat....	174,273	175,631	169,105	179,685	133,303	126,051	162,812	171,372	123,072	122,161
Other-Less than										
20% (ex. soup)...	289,865	314,618	279,364	316,035	434,552	370,872	316,784	276,334	253,259	233,564
Total (million lbs.).	3,010	3,126	3,011	2,966	2,856	**2,029	**2,061	**1,994	**1,816	*1,711

† Includes all government purchases.

*53 weeks.

**Excludes Soups.

MAYONNAISE & SALAD DRESSING PACKS

As Reported by Bureau of Census - Millions of Gallons and Dollars

	1967		1972		1977		1982	
	Pack	Value	Pack	Value	Pack	Value	Pack	Value
Spoon-type								
Salad dressing...	69.4	86.6	81.4	123.9	99.5	336.7	91.4	525.9
Mayonnaise.....	79.0	146.7	94.9	208.5	¹ 141.0	490.6	177.2	687.3
Other.....	15.1	33.4	33.2	76.0	² 25.7	93.5	28.0	126.3
Pourable								
French ³	10.8	22.9	14.8	40.9	¹ 26.9	115.5	20.8	107.0
Oil & Vinegar ⁴ ...	6.0	21.3	10.1	34.0	19.6	88.9	10.1	57.0
Other Pourable...	10.7	34.2	25.0	81.2	32.2	154.3	56.0	300.8
Other, NSK.....	.....	.....	.....	11.5	.....	12.8	.....	11.2
Total ⁵	191.0	345.1	259.4	576.0	344.9	1,292.3	383.5	1,815.5

¹10 to 19% estimated.
low calorie and dietetic.

²20 to 29% estimated.

³Does not include low calorie and dietetic.

⁴Includes

SELECTED U.S. CANNED AND FROZEN SPECIALTY PACKS

Source: Table 6a 1967, 1972, 1977 and 1982 Census Reports. Quantities are in millions of actual cases, gallons, and pounds as indicated and represent all industry production. Value is given in millions of dollars. See other Census Tables, back of this Section.

	1967		1972		1977		1982	
	Pack	Value	Pack	Value	Pack	Value	Pack	Value
DRY BEANS, Total (cases)	69.9	246.1	67.3	305.8	75.0	556.5	.....	735.3
Beans w/pork, incl. baked:								
48/8 oz. short & tall, etc.	3.0	12.1	3.1	15.6	2.1	18.5	1.7	21.1
48/1 pic., etc.	1.2	6.1						
24/300, 303, etc.	16.9	48.3	13.0	48.1	18.9	115.6	25.6	195.2
24/2, Jumbo, etc.	5.7	23.1	4.9	24.0	4.6	36.7	3.2	34.6
24/2½ (incl. qt., glass, etc.)	80.0	36.2	6.6	40.3	5.9	63.6	3.7	54.4
Other sizes, a/c.	4.3	16.7	6.9	37.6	10.7	92.4	6.6	77.1
Beans with sauce, veget-								
arian style, incl. baked:								
24/300, 303, etc.	7.5	20.4	4.8	20.4	4.6	31.3	3.8	31.4
Other sizes, a/c.	1.1	4.5	1.5	7.4	2.1	18.3	3.4	39.2
Beans, other dry, incl. chili								
con carne:								
24/300, 303, etc.	13.4	41.3	13.9	53.7	14.5	90.1	19.3	160.8
Other sizes, a/c.	6.7	30.0	9.9	49.7	9.0	69.2	10.8	115.5
Dry beans (nsk) a/c.	2.1	7.4	2.7	9.0	12.4	20.7	.....	6.0
HOMINY (cases)	2.5	5.3	2.4	6.8	2.3	9.9	1.6	10.3
MUSHROOMS (cases 48)	n.a.	46.3	n.a.	91.4	8.1	139.0	12.0	128.3
PICKLES & PICKLED								
PRODUCTS (gallons) Total	207.4	260.6	239.3	362.5	n.a.	553.2	n.a.	694.5
Finished cucumber pickles:								
Dill	49.1	63.9	67.3	113.4	194.1	228.3	85.8	285.2
Sour	8.1	9.1	10.5	17.5	19.5	35.7	16.5	26.8
Sweet	27.3	48.2	35.4	77.4	225.9	88.2	127.4	108.7
Fresh pack, refrigerated, etc. . . .	52.4	63.8	22.3	44.1	216.6	41.9	20.3	69.7
Pickled products including								
mixes, relishes, etc.	37.8	53.7	35.0	66.0	43.4	94.1	134.7	131.1
Unfinished pickles (salt stock) . .	21.7	8.5	54.0	19.2	n.a.	25.4	21.0	22.8
Pickled fruits and								
vegetables nsk	32.7	21.9	14.8	24.9	.....	39.6	.....	50.2
VINEGAR & CIDER (gallons)								
Vinegar	134.6	46.8	143.2	65.5	(a)	98.8	187.1	141.2
Cider	19.9	9.9	31.0	15.1	14.8	24.0	18.2	46.7
MEAT SAUCES (except								
tomato) (gallons)	59.1	98.5	91.9	151.3	(a)	261.6	n.a.	540.0
Prepared mustard	36.6	39.4	47.6	48.1	52.8	91.6	150.6	138.7
Worcestershire, soy sauce, meat,								
vegetable, seafood, etc.	21.7	57.9	42.6	96.6	257.2	169.2	299.9	401.0
Other except tomato	.8	1.2	4.1	6.6	(a)	.8	.....	.3
JAMS, JELLIES AND								
PRESERVES (pounds) Total . . . . .	.....	245.2	.....	280.3	(a)	396.9	(a)	603.0
Jams & preserves, pure:								
Strawberry	118.5	35.1	118.0	40.3	114.0	61.1	1337.5	136.5
Other	289.7	81.7	302.9	87.7	221.6	107.9	209.5	167.4
Jellies, pure:								
Grape	166.8	38.8	185.9	42.7	198.9	76.5	216.5	138.3
Other	146.6	40.0	162.3	42.6	187.2	83.0	111.2	74.1
Jams & Jellies, imitation	40.0	6.0	48.3	10.1	S	5.6	D	D
Marmalades	14.8	3.8	18.3	4.4	S	9.3	D	D
Fruit Butter	39.3	6.9	24.4	5.2	22.8	8.4	25.2	12.1
Maraschino cherries (gals.)	4.9	21.7	5.4	28.9	3.9	29.2	124.1	31.4
Jams, Jellies and preserves, nsk	.....	11.2	.....	18.4	(a)	16.1	(a)	10.8
PEANUT BUTTER (pounds)								
Consumer Sizes	387.3	150.1	510.7	234.3	541.8	403.1	641.2	723.7
Commercial-bulk	52.2	17.5	50.3	16.1	53.5	26.6	93.5	73.0
SIRUPS & MOLASSES (Pounds)	959.7	138.8	845.5	167.3	n.a.	296.8	n.a.	360.9
FRUITS, CANNED (cases)								
Olives, ripe & green ripe	n.a.	35.7	.....	55.1	19.8	96.2	10.6	189.6
Pie mixes, canned fruit	7.7	40.8	9.2	44.9	8.0	82.6	15.9	128.0
Apple	1.3	5.8	1.5	6.7	1.5	12.8	3.4	34.9
Cherry	2.6	16.0	4.0	18.3	2.5	30.5	6.2	31.0
Peach	.7	3.9	.3	1.9	1.5	11.4	.7	10.3
Other fruit pie mixes	3.0	15.1	3.4	18.0	2.5	27.9	13.6	51.8

(a) Not collected. ¹10 to 19% estimated.
available. D - Withheld to avoid disclosure.

²20 to 29% estimated. ³Over 30% estimated. n.a. - Not
S - Withheld data does not meet publication standards.

U.S. CANNED AND FROZEN SPECIALTY PACKS—Continued

	1967		1972		1977		1982	
	Pack	Value	Pack	Value	Pack	Value	Pack	Value
FRUIT JUICES (cases)								
Grape Juice:								
12/22.1 to 27 oz.	6.4	25.6	2.6	12.5	D	D	D	D
Other sizes a/c	n.a.	n.a.	11.8	39.9	D	D	D	D
Grapefruit-Pineapple blend	6.6	17.4	.4	1.3	.2	1.0	n.a.	n.a.
Prune juice	8.7	40.3	6.6	32.5	5.5	32.0	2.5	23.4
Quart glass	4.7	20.0	2.4	11.4	2.1	12.0	.8	8.0
Other sizes a/c	4.0	20.3	4.2	21.1	3.3	20.0	1.7	15.4
Nectars	3.3	10.4	4.8	16.7	6.1	33.6	1.6	13.1
MEATS, CANNED² (pounds)	1,700.8	856.4	1,768.9	1,106.3	1,188.5	1,236.3	1,147.4	1,548.6
Made in slaughtering plants	869.5	490.4	992.0	622.1	468.3	561.7	393.5	658.2
Made in meat processing plants & elsewhere	831.3	366.0	776.9	484.2	720.2	694.6	753.9	890.4
POULTRY, CANNED								
(except soups)(cases)	3.6	37.7	4.7	72.7	n.a.	n.a.	n.a.	51.3
48/10 oz. & under	.9	17.0	1.0	15.8	n.a.	n.a.	1.0	21.0
12/40 to 60 oz.	.6	5.3	.6	6.7	.5	11.5	.4	13.1
Other sizes	2.1	15.4	3.1	50.2	n.a.	50.4	n.a.	17.2
BABY FOODS (pounds)	246.3	n.a.	346.7	n.a.	401.3	n.a.	596.4	n.a.
Fruits	157.1	47.9	215.3	72.4	214.8	96.2	D	D
Meats	n.a.	n.a.	61.1	45.6	D	D	D	D
Vegetables	149.1	35.3	126.2	41.5	113.7	50.7	150.1	66.5
Desserts	169.6	50.4	199.4	64.6	D	D	151.4	65.6
Juices (cases)	9.4	19.7	9.8	28.4	13.1	65.2	20.1	115.8
Other canned	284.0	93.0	248.4	94.1	D	D	225.6	102.8
CANNED & CURED								
SEAFOOD (pounds)	n.a.	421.1	n.a.	587.8	n.a.	1,025.5	n.a.	1,267.1
Canned (except soups)	n.a.	307.6	n.a.	453.9	576.1	773.3	n.a.	907.7
Canned Seafood soups	n.a.	22.4	n.a.	41.9	133.5	65.8	151.1	90.4
Other Canned	n.a.	56.7	n.a.	64.4	n.a.	115.0	n.a.	n.a.
Cured Seafood	42.8	34.4	21.8	27.5	n.a.	71.5	n.a.	133.9
OTHER CANNED SPEC (cases)	n.a.	698.3	n.a.	977.4	n.a.	1,404.2	n.a.	2,035.0
Spaghetti without meat	n.a.	(b)	n.a.	(b)	n.a.	D	6.8	67.4
Minced meat (pounds)	n.a.	(b)	n.a.	(b)	n.a.	D	7.4	8.5
Soups (except seafood), & canned specialties, nsk	n.a.	(b)	n.a.	(b)	n.a.	(b)	n.a.	(b)
FROZEN SPECIALTIES (pounds)	2,524.7	1,021.3	3,673.8	1,742.6	n.a.	2,911.9	n.a.	4,417.2
Pies & other Baked goods	626.0	208.9	994.2	387.5	n.a.	770.3	n.a.	1,292.5
Fruit & Custard Pies	402.0	101.5	621.8	169.3	693.2	346.2	658.5	391.2
Other baked (waffles, cookies, cakes, pastries) excl. bread & rolls	224.0	107.4	372.4	218.1	620.7	424.1	1,961.6	901.4
FROZEN DINNERS, BEEF, PORK, POULTRY PIES, NATIONALITY FOODS	1,046.5	433.1	1,440.5	702.0	n.a.	1,297.7	n.a.	2,356.6
Dinners	397.9	217.3	787.4	385.5	788.0	503.5	n.a.	1,160.4
Beef & Pork Pies	125.4	44.4	192.5	86.9	58.5	35.9	79.4	41.7
Poultry Pies	193.8	45.0	225.2	78.0	233.1	99.4	241.1	119.4
Nationality Foods	329.4	126.4	293.1	151.1	n.a.	639.5	1,123.8	1,023.2
Dinners, Pies, Nat. Fds. nsk	n.a.	n.a.	.8	.5	n.a.	19.3	n.a.	11.8
Other, ex. Seafood, (incl. soups)	697.3	247.4	890.0	492.5	1,229.5	718.2	789.2	624.3
Frozen Spec. nsk (companies 10 or more employees) ¹	335.1	124.0	304.3	140.0	n.a.	75.1	n.a.	79.9
Frozen Spec. nsk (companies less than 10 employees) ¹	21.3	7.9	44.8	20.6	n.a.	50.6	n.a.	63.9
FROZEN PACKAGED								
FISH (pounds)	309.0	132.6	518.2	280.1	n.a.	744.4	n.a.	1,033.9
Fillet & Steaks	136.7	52.2	151.0	74.2	n.a.	164.2	n.a.	301.1
Fish Sticks	69.5	28.9	144.4	81.0	(c)	(c)	D	D
Fish Portions	102.8	51.5	222.8	124.9	422.7	390.6	D	D
Other	n.a.	n.a.	n.a.	n.a.	n.a.	189.6	n.a.	n.a.
FROZEN PACKAGED SHELLFISH & OTHER								
SEAFOOD INCL. SOUPS (pounds)	279.2	245.5	329.1	415.8	n.a.	887.6	n.a.	1,398.0
Shrimp	166.0	165.6	193.0	274.4	n.a.	430.0	n.a.	763.3
Other, oyster, crab, etc.	61.3	52.0	81.3	98.3	n.a.	399.5	n.a.	541.4
Other, soups, stews, chowders, dinners, pies	51.9	27.9	54.8	43.1	n.a.	58.1	61.2	93.3

n.a. - Not available. ¹20 employees in 1972, 1977, and 1982. ²Except dog and cat food. Includes products containing 20% or more meat. Products containing less meat included in specialties above. (a) Included in other. (b) Included in total above. (c) Included in portions. D - Withheld to avoid disclosure.

U.S. FROZEN FRUIT AND VEGETABLE PACKS

Compiled by The American Frozen Food Institute

Thousands of Pounds

NOTE: Data represents calendar year production by final container size (after repack). Over the span of eight to ten years shown, there have been shifts in both regional production and containerization so that some overlap is inevitable. "Other Uses" appearing under size classification represent initially frozen vegetable weight going into combination vegetables, canned veg. and prepared foods. The occasional minus values shown in parentheses represent the amount of carryover that was repacked into smaller containers and/or imported product repacked in the U.S.

TOTAL UNITED STATES VEGETABLE PACKS*

1942.....	152,512	1950.....	587,101	1958....	1,433,244	1966....	3,364,386	1974....	5,473,141
1943.....	207,872	1951.....	770,088	1959....	1,626,601	1967....	3,507,625	1975....	5,212,966
1944.....	237,092	1952.....	895,719	1960....	1,958,621	1968....	3,857,840	1976....	5,491,035
1945.....	307,977	1953.....	1,103,270	1961....	2,116,041	1969....	3,915,231	1977....	6,245,809
1946.....	450,000	1954.....	974,628	1962....	2,264,116	1970....	4,316,731	1978....	6,560,733
1947.....	346,208	1955.....	1,139,695	1963....	2,322,376	1971....	4,574,361	1979....	6,875,159
1948.....	446,358	1956.....	1,533,038	1964....	2,639,199	1972....	4,874,561	1980....	6,269,229
1949.....	563,499	1957.....	1,366,565	1965....	2,933,108	1973....	5,158,398	1981....	6,972,328

*Includes potatoes beginning 1953. Vegetable mixes excluded 1965 and thereafter.

PACKS OF FROZEN VEGETABLES BY COMMODITY

Item	1979	1980	1981	1982	1983	1984	1985	1986
Artichokes.....	1,790	984	1,693	1,419	1,075	1,643	1,202	1,417
Asparagus.....	23,989	11,232	11,289	16,958	13,599	15,099	19,990	18,008
Beans, Green.....	262,708	235,182	248,193	285,029	255,832	260,043	281,469	256,716
Beans, Gr. Italian..	19,213	16,855	15,443	20,355	19,954	22,665	24,511	25,430
Beans, Wax.....	10,629	8,744	9,227	8,283	7,387	8,487	10,034	5,386
Beans, Lima.....	124,273	85,908	88,840	123,722	113,217	122,479	117,057	100,855
Beans, Speck Butter.								
Beans, Speck Butter.	3,876	4,544	8,630	8,986	6,546	7,901	6,671	7,040
Broccoli.....	293,618	290,657	306,755	335,516	285,358	365,764	356,806	324,519
Brussels Sprouts...	61,353	63,366	62,162	52,980	41,354	50,449	44,735	37,990
Carrots.....	263,080	191,151	269,845	296,679	212,500	255,585	254,586	270,363
Cauliflower.....	101,130	84,766	105,161	111,644	100,541	102,106	94,617	89,120
Celery.....	17,494	8,729	11,762	12,764	13,497	17,062	15,839	18,729
Collards.....	16,534	13,206	16,051	18,031	9,440	12,968	15,708	19,454
Corn, cut.....	310,548	270,531	313,982	455,714	367,272	323,977	360,927	364,891
Corn, on cob.....	269,422	258,567	305,390	378,629	293,947	349,666	423,326	391,954
Kale.....	3,637	4,292	4,788	4,727	2,894	3,335	5,167	4,175
Mixed Vegetables*	158,160	172,499	164,606	141,165	157,279	162,558	178,351	184,730
Mushrooms.....	14,193	14,708	22,074	23,443	24,539	24,457	28,669	32,410
Mustard Greens...	10,020	7,465	13,011	8,516	7,998	8,508	11,222	11,768
Okra.....	33,305	41,698	43,774	54,339	46,038	54,579	51,815	73,160
Onion rings.....	132,382	116,363	119,786	135,522	107,429	117,376	91,895	127,592
Onions, other.....	34,857	39,718	40,088	46,822	35,208	39,106	50,113	57,866
Peas, blackeye.....	21,099	20,933	33,404	23,821	22,926	28,207	31,675	22,586
Peas, Green.....	427,461	315,577	333,888	404,830	354,480	423,740	485,985	373,605
Peas & Carrots*	32,036	33,208	33,249	29,539	31,238	31,998	34,887	36,436
Peas & Onions*	7,740	8,046	10,260	7,434	8,571	9,477	11,174	9,692
Peppers, Gr. & Red..	10,661	15,367	16,147	12,940	24,523	25,586	20,922	22,958
Pumpkin & Sq.....	23,667	23,000	37,806	24,897	17,759	15,824	20,734	22,319
Rhubarb.....	7,899	8,444	6,483	6,767	3,402	5,271	6,647	6,106
Spinach.....	181,279	169,298	183,646	150,667	143,205	171,249	174,802	157,119
Squash, Summer...	38,149	36,737	46,833	65,179	62,738	66,467	67,458	75,994
Stew Vegetables*	16,324	16,947	14,366	13,908	14,361	19,877	20,201	19,536
Succotash.....	7,019	6,736	6,600	6,578	6,037	5,479	6,841	7,083
Swt. Pot. & Yams...	14,981	16,135	19,993	20,822	9,719	13,749	18,677	13,683
Turnip Greens.....	15,948	10,705	13,020	9,799	11,925	10,299	14,446	14,371
Turnips, Tur.Gr/Tur.	23,210	21,321	19,243	19,759	23,290	19,215	20,639	19,417
Misc. Veg.....	7,922	9,890	7,682	14,411	7,208	5,252	3,144	6,399
Total Vegetables*	2,785,427	2,416,073	2,736,089	3,153,970	2,643,800	2,948,114	3,130,858	2,973,400
Tot. Potato Prod....	4,089,732	3,853,156	4,236,239	4,377,228	4,509,905	4,732,894	5,118,102	5,149,148
Tot. Veg. & Pot....	6,875,159	6,269,229	6,972,328	7,531,198	7,153,705	7,681,008	8,248,960	8,122,548

*Repack—Quantities of component products are included in the individual product figures of this table which represent first freezing. The figures themselves are Repacks not included in "Total Vegetables".

TOTAL FROZEN VEGETABLE PACKS BY REGION

Thousands of Pounds

	1979	1980	1981	1982	1983	1984(r)	1985	1986
East	532,217	506,724	626,792	660,457	613,330	492,107	755,814	714,280
South	301,155	312,717	296,887	314,202	252,382	282,053	326,029	356,759
Midwest	771,758	677,385	893,206	1,036,259	1,067,808	1,134,522	1,280,342	1,345,198
West	5,270,029	4,772,403	5,155,443	5,520,280	5,220,185	5,772,326	5,886,775	5,706,311
Total US	6,875,159	5,269,229	6,972,328	7,531,198	7,153,705	7,681,008	8,248,960	8,122,548

EAST AND SOUTH: Ala., Ark., Conn., Del., Fla., Ga., Ky., La., Me., Md., Mass., Miss., Mo., N.J., New Mexico, N.Y., N.C., Okla., Pa., Tenn., Texas, and Va. MIDWEST: Ill., Ind., Michigan, Minnesota, Nebraska, North Dakota, South Dakota, Ohio and Wisconsin. WEST: California, Colorado, Idaho, Montana, Oregon, Utah, Washington and Wyoming. r - Revised.

FROZEN ASPARAGUS PACKS IN THE U.S.

Thousands of Pounds—Compiled by The American Frozen Food Institute

1942....	5,769	1948....	18,321	1954....	25,780	1960....	40,026	1966....	34,532	1972....	33,574
1943....	9,619	1949....	18,422	1955....	28,669	1961....	34,157	1967....	32,460	1973....	20,157
1944....	12,339	1950....	22,309	1956....	37,674	1962....	30,810	1968....	34,355	1974....	16,190
1945....	20,638	1951....	23,562	1957....	31,201	1963....	30,315	1969....	23,033	1975....	18,409
1946....	28,316	1952....	25,460	1958....	24,365	1964....	31,054	1970....	25,925	1976....	23,750
1947....	10,737	1953....	32,945	1959....	32,739	1965....	30,867	1971....	29,959	1977....	22,474

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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BY REGION

Ea., So., MW	2,181	†	n.a.	n.a.	n.a.	†	†	n.a.	†	†
California	14,591	7,256	n.a.	n.a.	n.a.	8,107	4,652	n.a.	8,840	11,149
Washington†	5,702	†8,171	n.a.	n.a.	n.a.	†8,851	8,947	n.a.	11,150	6,859

BY STYLE

Spears	14,801	9,067	15,428	6,632	6,489	9,681	7,563	7,776	9,778	8,126
Cuts & Tips	7,673	6,360	8,561	4,600	4,800	7,277	6,036	7,323	10,212	9,882

SIZE CLASSIFICATION

Retail	10,940	6,951	9,226	4,279	5,280	4,090	4,666	4,263	5,201	5,253
Food Service	11,116	7,233	13,431	5,933	6,006	11,502	8,134	8,168	9,102	6,781
Bulk	418	1,243	1,332	1,020	3	1,366	799	2,668	5,687	5,974

Total Pack	22,474	15,427	23,989	11,232	11,289	16,958	13,599	15,099	19,990	18,008
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† Ea., So. & MW included in Washington beginning 1978. n.a.-Not available.

FROZEN GREEN BEAN PACKS IN THE U.S.

Thousands of Pounds—Compiled by The American Frozen Food Institute

1942....	13,784	1948....	49,583	1954....	123,253	1960....	148,751	1966....	217,914	1972....	243,576
1943....	24,491	1949....	58,524	1955....	120,968	1961....	170,256	1967....	224,848	1973....	267,852
1944....	23,753	1950....	65,529	1956....	137,744	1962....	154,368	1968....	207,910	1974....	239,872
1945....	31,460	1951....	81,650	1957....	134,361	1963....	156,320	1969....	184,766	1975....	208,185
1946....	40,975	1952....	87,438	1958....	156,006	1964....	173,794	1970....	199,203	1976....	179,353
1947....	30,911	1953....	114,781	1959....	138,527	1965....	177,218	1971....	211,601	1977....	230,248

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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PACK BY REGION

East & South	89,039	101,722	100,462	84,190	94,442	113,386	97,184	131,635	147,493	120,107
Midwest	19,936	29,172	25,173	24,229	30,011	30,783	32,367	(b)	(b)	(b)
Northwest	121,273	132,351	137,073	126,763	123,740	140,860	126,281	128,408	133,976	136,609
California	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)

BY STYLE

Regular cut	142,239	161,085	162,000	155,996	160,020	190,658	162,699	158,413	179,349	170,694
French cut	82,633	95,117	91,686	71,713	78,639	82,485	78,825	81,355	82,544	63,892
Whole¹	5,376	7,043	9,022	7,473	9,534	11,886	14,308	20,275	19,576	22,130

SIZE CLASSIFICATION

Retail	94,957	97,356	99,010	90,334	96,109	95,820	99,602	105,257	111,991	104,157
Food Service	46,335	50,652	51,265	45,493	48,138	54,600	56,387	51,994	50,242	53,496
Bulk	51,412	72,837	71,856	61,474	67,279	98,104	69,215	72,254	68,135	61,072

Subtotal	192,704	220,845	222,131	197,301	211,576	248,524	225,204	229,505	230,368	218,725
Other Uses**	37,544	42,400	40,577	37,881	36,617	36,505	30,628	30,538	51,101	37,991

TOTAL PACK	230,248	263,245	262,708	235,182	248,193	285,029	255,832	260,043	281,469	256,716
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GREEN BEANS, ITALIAN

Retail	5,792	4,310	6,225	3,557	3,886	5,423	4,158	5,479	6,776	7,363
Food Service	2,199	2,334	2,232	2,787	2,634	3,852	3,693	3,105	2,711	2,685
Bulk	3,727	6,665	5,799	3,766	5,011	5,125	9,097	11,052	10,115	11,140
Other Uses	4,189	3,358	4,957	6,745	3,912	5,955	3,006	3,029	4,909	4,242

TOTAL PACK	15,907	16,667	19,213	16,855	15,443	20,355	19,954	22,665	24,511	25,430
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n.a.-Not available. *Some overlap from region to region. **Frozen product used for combination packs and/or canned and prepared foods. (a) Included in Northwest. (b) Included in East & South. ¹Some quantities may be repacked into other styles.

FROZEN GREEN BEANS*—SUPPLY—STOCKS MOVEMENT

Source: Economic Research Service, USDA; Packs, American Frozen Food Institute;
Stocks, Statistical Reporting Service, USDA

MILLIONS OF POUNDS

July 1 to July 1	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
Carry-in 7/1	33.0	41.2	73.4	91.2	80.9	68.8	86.4	81.5	75.2	99.6
Pack	224.9	256.2	253.7	227.7	238.7	273.1	241.5	239.8	261.9	234.6
Packer Supply	257.9	297.4	327.1	318.9	319.6	341.9	327.9	321.3	337.1	334.2
Shipments 7/1-1/1	128.2	132.1	145.8	124.6	142.2	137.8	115.9	131.5	165.2	150.9
Stocks 1/1	129.7	165.3	181.3	194.3	177.4	204.1	212.0	189.8	171.9	183.3
Shipments 1/1-7/1	88.5	91.9	90.1	113.4	108.6	117.7	130.5	114.6	72.3	P
c/o Stocks 7/1	41.2	73.4	91.2	80.9	68.8	86.4	81.5	75.2	99.6	P
Shipments 7/1-7/1	216.7	224.0	235.9	238.0	250.8	255.5	246.4	246.1	237.5	P

* Stock figures include regular cut and French cut green only. Excludes whole style. Pack figures adjusted accordingly to reflect accurate movement. P - Not available at press time 6/15/87.

FROZEN WAX BEAN PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Retail	1,676	1,344	2,104	1,126	1,451	1,548	1,436	2,046	1,912	1,685
Food Service	2,758	2,505	1,896	2,495	2,328	2,915	2,711	1,833	1,766	2,123
Bulk	409	1,923	5,112	3,372	4,684	2,759	2,369	4,012	5,855	920
Other Uses	762	1,706	1,517	1,751	764	1,061	871	596	501	658
TOTAL PACK	5,605	7,478	10,629	8,744	9,227	8,283	7,387	8,487	10,034	5,386

FROZEN LIMA BEAN PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

BABY LIMAS

1945 ... 19,234	1951 ... 44,147	1957 ... 60,736	1963 ... 61,707	1969 ... 82,562	1975 ... 85,670
1946 ... 28,805	1952 ... 52,405	1958 ... 65,461	1964 ... 60,823	1970 ... 73,012	1976 ... 43,854
1947 ... 29,858	1953 ... 64,390	1959 ... 64,351	1965 ... 81,425	1971 ... 73,893	1977 ... 92,154
1948 ... 31,663	1954 ... 60,726	1960 ... 79,535	1966 ... 89,693	1972 ... 92,634	1978 ... 81,145
1949 ... 44,665	1955 ... 58,232	1961 ... 89,883	1967 ... 85,687	1973 ... 98,112	1979 ... 82,775
1950 ... 33,960	1956 ... 67,978	1962 ... 81,592	1968 ... 84,579	1974 ... 97,163	1980 ... 52,788

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY REGION										
East, So& Midwest	15,134	14,306	11,469	8,976	15,575	18,144	17,803	24,039	21,359	19,644
Northwest	11,341	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
California	65,679	66,839	71,306	43,812	51,909	73,637	67,359	58,946	63,208	52,000
SIZE CLASSIFICATION										
Retail	43,398	33,483	35,288	29,317	35,849	30,661	31,544	23,146	26,084	26,508
Food Service	12,669	12,197	11,582	11,295	8,837	12,680	11,498	7,899	9,532	10,722
Bulk	25,183	22,904	28,521	788	14,409	41,230	33,560	41,609	35,314	21,094
Subtotal	81,250	68,584	75,391	41,400	59,095	84,571	76,602	72,654	70,930	58,324
Other Uses	10,904	12,561	7,384	11,388	8,389	7,210	8,560	10,331	13,637	13,320
Total Baby	92,154	81,145	82,775	52,788	67,484	91,781	85,162	82,985	84,567	71,644

(b) Included in California.

FORDHOOK LIMAS

1945 ... 9,242	1951 ... 63,873	1957 ... 70,644	1963 ... 56,000	1969 ... 55,792	1975 ... 50,245
1946 ... 21,278	1952 ... 61,521	1958 ... 60,449	1964 ... 55,665	1970 ... 36,844	1976 ... 24,973
1947 ... 38,336	1953 ... 74,205	1959 ... 49,672	1965 ... 64,102	1971 ... 40,690	1977 ... 45,204
1948 ... 43,741	1954 ... 68,948	1960 ... 58,022	1966 ... 62,224	1972 ... 52,968	1978 ... 38,110
1949 ... 43,284	1955 ... 59,465	1961 ... 70,053	1967 ... 63,950	1973 ... 51,577	1979 ... 41,498
1950 ... 52,029	1956 ... 75,560	1962 ... 68,992	1968 ... 66,513	1974 ... 46,226	1980 ... 33,120

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
SIZE CLASSIFICATION										
Retail	24,790	22,904	25,179	22,879	23,170	20,115	24,940	16,699	18,374	15,210
Food Service	8,407	5,504	7,512	4,842	4,831	5,501	4,545	4,587	2,731	3,705
Bulk	12,007	9,702	8,807	5,399	(6,645)	6,325	(1,430) ¹	18,208 ²	11,385	10,296
Total Fordhook	45,204	38,110	41,498	33,120	21,356	31,941	28,055	39,494	32,490	29,211

¹ Deficit attributable to previous year carryover.

² Frozen prior to other use.

FROZEN BROCCOLI PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942....3,223	1948....29,126	1954....62,004	1960....128,210	1966....158,586	1972....234,344
1943....4,882	1949....45,233	1955....96,240	1961....121,636	1967....166,730	1973....213,165
1944....6,840	1950....41,028	1956....118,287	1962....111,450	1968....172,959	1974....245,285
1945....11,656	1951....48,768	1957....80,452	1963....135,334	1969....153,784	1975....191,638
1946....25,789	1952....82,253	1958....109,679	1964....129,817	1970....185,157	1976....201,513
1947....9,117	1953....89,043	1959....103,215	1965....122,310	1971....189,600	1977....314,395

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY REGION										
Other States	11,209	11,431	n.a.	n.a.	18,055	31,666	24,999	35,389	19,074	26,357
California †	303,186	265,088	n.a.	n.a.	288,700	303,850	260,359	330,375	337,732	298,162
BY STYLE										
Cuts	93,197	82,707	106,874	102,853	110,541	125,334	102,371	140,579	147,085	138,666
Chopped	49,565	40,340	34,600	36,021	41,047	39,654	33,467	45,709	54,830	43,290
Spears ¹	171,633	153,472	157,078	151,783	155,167	170,528	149,520	179,476	154,891	142,563
SIZE CLASSIFICATION										
Retail	185,728	157,979	167,095	167,183	154,835	154,174	133,501	151,926	153,614	144,160
Food Service	85,997	76,169	80,362	72,346	95,733	96,042	104,182	115,331	114,414	108,210
Bulk	27,013	21,246	27,568	16,286	27,132	37,426	21,710	72,213	29,238	22,149
Subtotal	298,738	255,394	275,025	255,815	277,700	287,642	259,393	339,470	297,266	274,519
Other Uses	15,657	21,125	23,593	34,842	29,055	47,874	25,965	26,294	59,540	50,000
TOTAL PACK ...	314,395	276,519	298,618	290,657	306,755	335,516	285,358	365,764	356,806	324,519

n.a.-Not available. † Includes Northwest 1980 and later years. ¹ Some quantities may be repacked into other styles.

FROZEN BROCCOLI—SUPPLY—STOCKS—MOVEMENT

Source: Economic Research Service, USDA; Packs, American Frozen Food Institute;
Stocks, Statistical Reporting Service, USDA

THOUSANDS OF POUNDS

March 1 to March 1	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
Carry-in 3/1	24,405	85,315	60,184	78,660	76,342	55,525	88,518	62,100	91,122	83,832
Pack	314,395	276,519	298,618	290,657	306,755	335,516	285,358	365,764	356,806	324,519
Packer Supply	338,800	361,834	358,802	369,317	383,097	391,041	373,876	427,894	447,928	408,351
Shipments 3/1-1/1	229,476	267,335	255,492	272,119	299,011	283,864	303,074	335,137	363,384	303,472
Stocks 1/1	109,324	94,499	103,310	97,198	84,086	107,177	70,802	92,757	84,544	104,879
Shipments 1/1-3/1	24,009	34,315	24,650	20,856	28,561	18,659	8,702	1,635	712	10,510
c/o Stocks 3/1	85,315	60,184	78,660	76,342	55,525	88,518	62,100	91,122	83,832	94,369
Shipments 3/1-3/1	253,485	301,650	280,142	292,975	327,572	302,523	311,776	336,772	364,096	313,982

FROZEN BRUSSELS SPROUTS PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942....3,430	1948....10,526	1954....33,418	1960....39,261	1966....51,698	1972....55,845
1943....4,839	1949....23,455	1955....23,142	1961....40,057	1967....39,479	1973....56,836
1944....4,920	1950....22,439	1956....43,989	1962....40,334	1968....49,024	1974....53,729
1945....6,606	1951....22,476	1957....33,354	1963....42,272	1969....40,083	1975....54,422
1946....13,521	1952....22,454	1958....30,424	1964....47,476	1970....42,663	1976....44,845
1947....4,557	1953....40,802	1959....38,733	1965....37,339	1971....49,195	1977....56,642

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
SIZE CLASSIFICATION										
Retail	41,598	45,782	41,889	44,497	43,741	33,547	27,299	26,215	24,149	21,539
Other	15,044	25,379	19,464	18,869	18,421	19,433	14,055	24,234	20,586	16,451
TOTAL PACK ...	56,642	71,161	61,353	63,366	62,162	52,980	41,354	50,449	44,735	37,990

FROZEN CARROT PACKS IN THE U.S.

Compiled by The American Frozen Food Institute
Thousands of Pounds

1942.....1,043	1948....15,393	1954....27,494	1960....72,100	1966....131,127	1972...165,879
1943.....2,260	1949....12,751	1955....34,389	1961....60,271	1967...133,337	1973...231,688
1944.....903	1950....13,338	1956....51,010	1962....79,422	1968...162,282	1974...248,081
1945.....6,051	1951....10,573	1957....34,237	1963....69,773	1969...150,945	1975...165,869
1946.....9,069	1952....22,269	1958....53,713	1964....63,947	1970...173,054	1976...181,277
1947.....2,905	1953....29,332	1959....55,487	1965...109,538	1971...143,681	1977...263,769

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY REGION										
East, South & M.W.	28,446	36,980	31,324	40,882	66,743	72,658	73,456	69,104	53,986	68,209
Northwest.....	115,199	90,950	117,917	65,601	120,575	135,986	86,224	101,441	124,470	133,185
California.....	120,124	111,485	113,839	84,668	82,527	88,035	52,820	85,040	76,130	68,969
BY STYLE										
Chips & Diced ¹ ...	141,599	108,547	143,335	101,306	146,972	145,091	88,331	94,509	99,940	123,445
Sliced & Crinkle...	60,999	68,139	73,765	56,779	70,892	86,406	69,843	89,505	84,604	72,036
Nuggets, Baby & whole.....	27,233	27,067	24,310	19,285	26,558	30,144	26,883	41,033	43,642	31,680
Shoestring.....	14,067	11,593	10,675	8,254	19,026	27,644	19,803	21,208	20,460	21,759
Chunks & other ¹ ...	19,871	23,069	11,045	5,527	6,397	7,394	7,640	9,330	5,940	6,443
SIZE CLASSIFICATION										
Retail.....	33,703	38,406	33,532	34,049	41,000	37,985	39,851	32,033	38,831	36,598
Food Service....	19,377	21,093	17,936	13,368	21,203	19,590	20,466	22,003	23,841	26,413
Bulk.....	155,440	116,497	150,544	81,875	158,870	183,585	95,248	128,632	114,105	153,039
Subtotal.....	208,520	175,996	202,012	134,292	221,073	241,160	155,565	182,668	176,777	216,050
Other Uses.....	55,249	62,419	61,068	56,859	48,772	55,519	56,935	72,917	77,809	54,313
TOTAL PACK...	263,769	238,415	263,080	191,151	269,845	296,679	212,500	255,585	254,586	270,363

(a) Included in East & South.

¹Chips included with chunks in 1977.

FROZEN CARROTS—SUPPLY—STOCKS—MOVEMENT

Source: Economic Research Service, USDA; Packs, American Frozen Food Institute;
Stocks, Statistical Reporting Service, USDA

MILLIONS OF POUNDS

Aug. 1 to Aug. 1	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
Carry-in 8/1.....	48.7	90.6	75.6	93.5	57.4	75.0	142.8	96.7	93.7	93.4
Pack.....	263.8	238.4	263.1	191.2	269.8	296.7	212.5	255.6	254.6	270.4
Packers Supply...	312.5	329.0	338.7	284.7	327.2	371.7	355.3	352.3	348.3	363.8
Shipments 8/1-1/1	157.3	165.3	162.4	144.6	176.9	159.5	168.9	188.6	167.5	156.4
Stocks 1/1.....	155.2	163.7	176.3	140.1	150.3	212.2	186.4	163.7	180.8	207.4
Shipments 1/1-8/1	64.6	88.1	82.8	82.7	75.3	69.4	89.7	70.0	87.4	P
c/o Stocks 8/1....	90.6	75.6	93.5	57.4	75.0	142.8	96.7	93.7	93.4	P
Shipments 8/1-8/1	221.8	253.5	245.2	227.3	252.2	228.8	258.6	258.6	254.9	P

P - Not available at press time

FROZEN CAULIFLOWER IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942.....1,200	1948....13,963	1954....17,088	1960....48,743	1966....53,985	1972....94,070
1943.....2,513	1949....21,655	1955....40,086	1961....41,117	1967....50,971	1973....96,098
1944.....4,821	1950....12,339	1956....47,159	1962....37,806	1968....67,566	1974....93,754
1945.....7,391	1951....22,428	1957....22,690	1963....40,677	1969....69,744	1975....76,056
1946....13,237	1952....33,166	1958....33,251	1964....43,596	1970....59,782	1976....67,807
1947....5,354	1953....35,710	1959....33,566	1965....46,211	1971....67,659	1977....96,670

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY REGION										
California	76,981	96,771	76,957	66,369	85,370	85,339	71,779	72,062	60,250	64,631
Ea., So., NW.	19,689	30,742	24,173	18,397	19,791	26,305	28,762	30,044	34,367	24,489
SIZE CLASSIFICATION										
Retail	49,144	59,930	48,954	41,916	40,970	36,468	29,821	27,523	27,004	28,217
FS & Bulk	36,484	57,687	39,788	21,397	50,165	52,968	52,093	53,820	28,540	35,190
Subtotal	85,628	117,617	88,742	63,313	91,135	89,436	81,914	81,343	55,544	63,407
Other Uses	11,042	9,896	12,388	21,453	14,026	22,208	18,627	20,763	39,973	25,713
TOTAL PACK ...	96,670	127,513	101,130	84,766	105,161	111,644	100,541	102,106	94,617	89,120

FROZEN CORN-ON-COB PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942.....1,767	1948....10,324	1954....16,788	1960....11,320	1966....44,241	1972....133,064
1943.....846	1949....17,563	1955....6,932	1961....12,000	1967....43,973	1973....166,830
1944.....606	1950....10,069	1956....20,422	1962....16,873	1968....76,358	1974....152,330
1945.....445	1951....8,772	1957....13,699	1963....11,748	1969....73,914	1975....183,381
1946....2,296	1952....14,186	1958....10,370	1964....27,757	1970....80,889	1976....187,582
1947....6,064	1953....17,217	1959....9,872	1965....40,337	1971....106,893	1977....265,183

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY REGION										
East & South	30,590	33,642	34,910	26,712	31,702	46,846	45,684	59,250	51,150	57,238
Midwest	81,920	87,996	66,114	78,199	107,790	96,828	60,148	93,285	120,110	130,376
West	152,673	185,441	168,398	153,656	165,898	234,955	188,115	197,131	252,066	204,340
SIZE CLASSIFICATION										
Retail	102,512	131,080	179,737	131,283	152,195	168,441	160,919	178,279	198,731	401,360
Food Service	87,056	93,062	109,378	109,646	84,331	133,404	109,905	130,034	186,036	
Bulk	75,615	82,937	(19,693)	17,638	68,864	76,784	23,123	41,353	38,559	
TOTAL PACK ...	265,183	307,079	269,422	258,567	305,390	378,629	293,947	349,666	423,326	391,954

† Deficit attributable to previous years carryover and imported product packed in the U.S.

FROZEN CUT CORN PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942.....9,369	1948....20,920	1954....78,212	1960....130,460	1966....300,165	1972....273,776
1943....21,450	1949....37,076	1955....70,041	1961....168,960	1967....316,100	1973....294,223
1944....20,983	1950....32,998	1956....118,153	1962....163,456	1968....334,549	1974....298,224
1945....25,551	1951....44,549	1957....112,917	1963....168,156	1969....289,268	1975....288,067
1946....42,427	1952....62,684	1958....111,039	1964....159,846	1970....216,097	1976....282,391
1947....26,559	1953....104,809	1959....121,013	1965....222,185	1971....226,835	1977....260,773

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY REGION										
East & South	22,053	21,857	20,701	22,007	23,493	37,150	42,031	48,848	51,676	42,406
Midwest	54,177	60,437	40,754	51,702	55,978	66,219	56,190	65,179	84,877	90,116
West	184,543	220,861	249,193	196,822	234,511	352,345	269,051	209,950	223,744	232,369
SIZE CLASSIFICATION										
Retail	126,114	118,443	121,027	116,020	132,999	133,417	144,817	130,890	166,185	145,843
Food Service	34,967	38,458	36,484	34,725	43,026	43,350	55,405	54,569	58,767	72,802
Bulk	66,685	106,482	113,440	81,177	101,498	243,169	127,689	95,217	87,542	108,924
Subtotal	227,766	263,383	270,951	231,922	277,523	419,936	327,911	280,676	312,494	327,569
Other Uses	33,007	39,772	39,697	38,609	36,459	35,778	39,361	43,301	47,803	37,322
TOTAL ALL ...	260,773	303,155	310,648	270,531	313,982	455,714	367,272	323,977	360,297	364,891

FROZEN SWEET CORN*—SUPPLY—STOCKS—MOVEMENT

Source: Economic Research Service, USDA; Packs, American Frozen Food Institute; Stocks, Statistical Reporting Service, USDA

MILLIONS OF POUNDS

Aug. 1 - Aug. 1	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
Carry-in 8/1	125.8	124.4	154.8	120.3	54.8	64.0	192.3	124.5	120.5	138.1
Pack	526.0	610.2	580.1	529.1	619.4	834.3	661.2	673.6	783.6	756.9
Packers Supply	651.8	734.6	734.9	649.4	674.2	898.3	853.5	798.1	904.1	895.0
Shipments 8/1-1/1	228.7	252.7	291.6	291.0	320.9	339.8	310.9	323.4	393.5	403.6
Stocks 1/1	423.1	481.9	443.3	358.4	353.3	558.5	542.6	474.7	510.6	491.4
Shipments 1/1-8/1	298.7	327.1	323.0	303.6	289.3	366.2	418.1	354.2	372.5	P
c/o Stocks 8/1	124.4	154.8	120.3	54.8	(e)64.0	192.3	124.5	120.5	138.1	P
Shipments 8/1-8/1	527.4	579.8	614.6	594.6	610.2	706.0	729.0	677.6	766.0	P

*Corn-on-cob and cut corn combined. (e) Estimate. P - Not available at press time

FROZEN OKRA PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Production Chiefly in the South—Thousands of Pounds

1947	372	1952	8,427	1957	17,071	1962	23,084	1967	47,465	1972	27,924
1948	1,526	1953	12,285	1958	15,767	1963	21,144	1968	30,485	1973	40,597
1949	2,344	1954	7,756	1959	22,307	1964	35,451	1969	38,250	1974	42,992
1950	2,620	1955	13,647	1960	17,955	1965	30,365	1970	44,168	1975	27,970
1951	4,789	1956	13,084	1961	24,754	1966	38,327	1971	32,234	1976	27,489

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY STYLE										
Whole	13,705	14,067	8,732	8,224	10,387	6,446	4,884	14,885	6,824	6,618
Cut	27,846	32,228	24,573	33,474	33,387	47,893	41,154	39,694	44,991	66,542
SIZE CLASSIFICATION										
Retail	28,183	23,027	27,186	30,993	23,171	18,459	24,135	18,491	30,247	29,777
Other	13,368	23,268	6,119	10,705	20,603	35,880	21,903	36,088	21,568	43,383
TOTAL PACK	41,551	46,295	33,305	41,698	43,774	54,339	46,038	54,579	51,815	73,160

FROZEN ONION PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1967	23,433	1969	37,881	1971	75,882	1973	114,679	1975	121,101	1977	152,718
1968	34,621	1970	52,205	1972	110,672	1974	111,228	1976	148,963	1978	154,080

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BREADED RINGS¹										
TOTAL	66,774	65,739	70,140	63,104	80,398	80,120	51,071	55,211	39,392	68,892
FORMED RINGS										
3 to 8 ounce	4,193	3,040	4,570	2,501	2,925	(a)	(a)	(a)	(a)	(a)
12 to 32 ounce	18,868	12,942	14,366	13,036	9,357	7,232	12,605	21,820	8,230	9,668
2 to 20 pound	32,550	42,771	43,306	37,722	28,006	48,170	43,753	40,345	*44,273	*49,032
TOTAL	55,611	58,753	62,242	53,259	39,388	55,402	56,358	62,165	52,503	58,700
Total Rings	122,385	124,492	132,382	116,363	119,786	135,522	107,429	117,376	91,895	127,592
WHOLE, CHOPPED, ETC.²										
10 to 32 ounce	640	493	649	666	3,754	3,920	3,682	3,734	6,797	2,232
Polybags	9,354	8,454	10,175	5,508	4,185	4,080	6,907	7,562	5,475	6,337
3 to 20 lb.	2,152	2,328	2,604	6,015	3,122	3,256	3,527	1,599	7,206	5,666
Bulk	8,224	10,399	11,641	22,050	16,553	27,729	3,394	8,952	†18,843	†38,325
Sub Total	20,370	21,674	25,069	34,239	27,614	38,985	17,510	21,847	38,321	52,560
Other uses**	9,963	7,914	9,788	5,479	12,474	7,837	17,698	17,259	11,792	5,306
TOTAL	30,333	29,588	34,857	39,718	40,088	46,822	35,208	39,106	50,113	57,866
ALL STYLES										
TOTAL	152,718	154,080	167,239	156,081	159,874	182,344	142,637	156,482	142,008	185,458

¹ Production chiefly in the Midwest. ² Includes whole, chopped, sliced, pearl, strips, etc. Production chiefly in the West. (a) Included in 12 to 32 oz. † Includes 21-60 lb. ** Includes poly bag. ** Initial frozen vegetable weight going into combination (mixed) vegetables and prepared foods.

FROZEN BLACK-EYED (AND OTHER SOUTHERN*) PEAS

Compiled by The American Frozen Food Institute

Thousands of Pounds

1948.....573	1953.....6,431	1958....13,012	1963....15,639	1968....25,579	1973....41,974
1949.....704	1954.....5,698	1959....14,821	1964....23,452	1969....20,647	1974....30,881
1950.....1,280	1955....10,227	1960....16,678	1965....26,037	1970....30,084	1975....21,745
1951.....2,725	1956....6,737	1961....18,683	1966....29,780	1971....33,027	1976....31,368
1952....4,146	1957....11,624	1962....18,380	1967....44,236	1972....38,004	1977....36,054

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY TYPE										
Black-eyed	19,082	21,951	12,554	14,966	21,013	15,645	17,214	18,593	23,407	17,330
Other	16,972	15,030	8,545	5,967	12,391	8,176	5,712	9,614	8,268	5,256
SIZE CLASSIFICATION										
Retail	21,700	16,789	23,901	18,125	19,153	18,246	17,408	16,032	16,598	15,277
Other	14,354	20,192	†(2,802)	2,808	14,251	5,575	5,518	12,175	15,077	7,309
TOTAL PACK ...	36,054	36,981	21,099	20,933	33,404	23,821	22,926	28,207	31,675	22,586

*Includes crowder, field, lady, creme, purple hull, etc. †Deficit attributable to previous years carryover and imported product repacked in U.S.

FROZEN GREEN PEA PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942...59,077	1948...118,977	1954...206,854	1960...295,227	1966...375,360	1972...340,075
1943...70,310	1949...113,273	1955...231,216	1961...346,089	1967...424,246	1973...387,749
1944...79,152	1950...152,275	1956...359,661	1962...356,857	1968...429,352	1974...416,682
1945...103,834	1951...195,541	1957...295,823	1963...344,784	1969...367,323	1975...400,587
1946...140,603	1952...203,726	1958...251,934	1964...336,931	1970...344,520	1976...340,366
1947...131,786	1953...226,664	1959...304,955	1965...443,289	1971...348,418	1977...333,954

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY REGION										
East & South	26,057	29,911	43,912	38,822	54,564	51,698	41,293	53,869	90,898	55,719
Midwest.....	49,602	44,144	54,463	43,016	44,300	78,374	60,236	73,220	118,229	100,895
Northwest.....	233,231	266,385	305,058	217,584	223,461	250,555	252,951	296,651	276,858	216,991
California.....	25,034	17,277	24,028	16,155	11,563	24,203				
SIZE CLASSIFICATION										
Retail.....	132,457	131,175	142,675	126,257	154,927	149,600	155,930	130,779	171,479	163,390
Food Service.....	55,644	49,252	62,923	54,027	61,720	50,375	57,234	63,031	65,082	67,761
Bulk	102,069	130,052	169,574	87,806	71,903	160,372	83,881	175,550	177,994	80,514
Subtotal.....	290,170	310,479	375,172	268,090	288,550	360,347	297,045	369,360	414,555	311,665
Other Uses	43,784	47,238	52,789	47,487	45,338	44,483	57,435	54,380	71,430	61,940
TOTAL PACK ...	333,954	357,717	427,461	315,577	333,888	404,830	354,480	423,740	485,985	373,605

FROZEN GREEN PEAS—SUPPLY—STOCKS—MOVEMENT

Source: Economic Research Service, USDA; Packs, American Frozen Food Institute; Stocks, Statistical Reporting Service, USDA

MILLIONS OF POUNDS

	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
June 1 - June 1										
Carry-in 6/1	101.9	91.6	82.9	122.5	68.8	55.0	92.5	82.5	119.9	164.9
Pack	334.0	367.7	427.5	315.6	333.9	404.8	354.5	423.7	486.0	373.6
Packers Supply....	435.9	449.3	510.4	438.1	402.7	459.8	447.0	506.2	605.9	538.5
Shipments 6/1-1/1	210.1	221.3	229.7	208.3	222.4	212.7	218.0	253.3	290.9	289.7
Stocks 1/1	225.8	228.0	280.7	229.8	180.3	247.1	229.0	252.9	315.0	248.8
Shipments 1/1-6/1	134.2	145.1	158.2	161.0	125.3	154.6	146.5	133.0	150.1	P
c/o Stocks 6/1....	91.6	82.9	122.5	68.8	55.0	92.5	82.5	119.9	164.9	P
Shipments 6/1-6/1	344.3	366.4	387.9	369.3	347.7	367.3	364.5	386.3	441.0	P

P - Not available at press time

FROZEN POTATO PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds									
1953.....	70,691	1959.....	371,048	1965....	1,218,529	1971....	2,565,118	1977....	3,622,823
1954.....	85,256	1960.....	551,392	1966....	1,459,634	1972....	2,593,848	1978....	3,848,810
1955.....	128,890	1961.....	579,162	1967....	1,490,809	1973....	2,691,072	1979....	4,089,732
1956.....	189,685	1962.....	761,609	1968....	1,736,055	1974....	2,984,881	1980....	3,853,156
1957.....	219,860	1963.....	861,537	1969....	2,048,408	1975....	3,000,983	1981....	4,236,239
1958.....	269,462	1964....	1,117,883	1970....	2,404,389	1976....	3,335,051	1982....	4,377,228
		1979	1980	1981	1982	1983	1984	1985	1986
TOTAL BY REGION									
California.....				11,607	9,267	8,534	20,855	12,813	10,060
Northwest.....	3,233,465	3,113,369	3,338,380	3,377,783	3,484,868	3,867,330	3,937,933	3,934,368	
East, So. & MW...	856,267	739,787	886,252	990,178	1,016,503	844,709	1,167,356	1,204,720	
U.S. Total.....	4,089,732	3,853,156	4,236,239	4,377,228	4,509,905	4,732,894	5,118,102	5,149,148	
TOTAL BY STYLE									
French Fries.....	3,488,045	3,182,351	3,577,940	3,662,379	3,817,151	3,943,433	4,383,629	4,420,557	
Hash Browns.....	235,478	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Misc. Products....	366,209	670,805	658,299	714,849	692,754	789,461	734,473	728,591	
FRENCH FRIES									
Total Retail.....	610,008	597,423	562,258	540,596	476,670	498,534	538,663	483,598	
Tot. Food Service...	2,970,491	2,569,557	3,039,757	3,124,668	3,335,037	3,414,023	3,907,411	3,867,118	
Tot. Bulk.....	†(92,454)	15,371	†(24,075)	†(2,885)	5,444	30,876	†(62,445)	69,841	
All French Fries...	3,488,045	3,182,351	3,577,940	3,662,379	3,817,151	3,943,433	4,383,629	4,420,557	

(a) Included in Misc. † Deficit attributable to previous years' carryover.

PUMPKIN AND COOKED SQUASH

Compiled by The American Frozen Food Institute

		Thousands of Pounds							
1942....	2,633	1948....	5,577	1954....	13,036	1960....	23,447	1966....	19,697
1943....	8,344	1949....	8,337	1955....	17,863	1961....	15,894	1967....	23,298
1944....	10,002	1950....	8,325	1956....	24,158	1962....	12,101	1968....	24,672
1945....	7,354	1951....	12,723	1957....	13,151	1963....	12,190	1969....	26,091
1946....	10,009	1952....	15,068	1958....	18,007	1964....	11,243	1970....	27,241
1947....	5,190	1953....	9,473	1959....	15,705	1965....	17,390	1971....	28,470
								1972....	29,708
								1973....	29,047
								1974....	32,641
								1975....	29,802
								1976....	22,177
								1977....	25,168
		1977	1978	1979	1980	1981	1982	1983	1984
SIZE CLASSIFICATION									
Retail.....	13,999	12,254	11,955	9,944	17,249	9,533	8,126	6,677	7,901
Other.....	11,169	12,804	11,712	13,056	20,557	15,364	9,633	9,147	12,833
Total Pack.....	25,168	25,058	23,667	23,000	37,806	24,897	17,759	15,824	20,734

FROZEN SPINACH PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

		Thousands of Pounds							
1942....	16,575	1948....	41,571	1954....	66,901	1960....	118,595	1966....	142,931
1943....	24,648	1949....	62,307	1955....	110,347	1961....	116,505	1967....	153,228
1944....	31,947	1950....	52,806	1956....	104,511	1962....	97,291	1968....	153,960
1945....	36,721	1951....	97,878	1957....	102,130	1963....	119,768	1969....	107,182
1946....	38,185	1952....	91,464	1958....	97,472	1964....	126,957	1970....	145,694
1947....	23,279	1953....	87,927	1959....	121,904	1965....	122,264	1971....	156,991
								1972....	160,050
								1973....	159,501
								1974....	177,892
								1975....	129,399
								1976....	160,247
								1977....	167,766
		1977	1978	1979	1980	1981	1982	1983	1984
BY REGION									
East & South....	8,827	12,714	13,756	8,598	28,112	26,907	27,153	38,733	42,548
West.....	158,939	134,675	167,523	160,700	155,534	123,760	116,052	132,516	132,254
BY STYLE									
Leaf.....	93,953	79,322	97,552	90,228	93,795	68,463	58,763	77,821	74,494
Chopped.....	73,813	68,067	83,727	79,070	89,851	82,204	84,442	93,428	100,308
SIZE CLASSIFICATION									
Retail.....	99,797	82,372	102,922	101,528	100,805	84,429	71,763	88,034	93,821
Food Service....	64,934	60,899	74,039	65,657	79,989	60,230	66,460	71,603	72,144
Bulk.....	3,035	4,118	4,318	2,113	2,852	6,008	4,982	11,612	8,837
Total Pack.....	167,766	147,389	181,279	169,298	183,646	150,667	143,205	171,249	174,802

FROZEN SPINACH—SUPPLY—STOCKS—MOVEMENT

Source: Economic Research Service, USDA; Packs, American Frozen Food Institute;
Stocks, Statistical Reporting Service, USDA

MILLIONS OF POUNDS

Mar. 1 - Mar. 1	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
Carry-in 3/1	24.5	30.0	19.1	30.3	33.1	40.7	28.7	25.2	26.9	31.0
Pack	167.8	147.4	181.3	169.3	183.6	150.7	143.2	171.2	174.8	157.1
Packer Supply ...	192.3	177.4	200.4	199.6	216.7	191.3	171.9	196.4	201.7	188.1
Shipments 3/1-1/1	133.8	137.8	141.6	146.4	153.6	138.8	129.6	151.1	149.1	141.9
Stocks 1/1	58.5	39.6	58.8	53.2	63.1	52.5	42.3	45.3	52.6	46.2
Shipments 1/1-3/1	28.5	20.5	28.5	20.1	22.4	23.8	17.1	18.4	21.6	18.0
c/o Stocks 3/1....	30.0	19.1	30.3	33.1	40.7	28.7	25.2	26.9	31.0	28.2
Shipments 3/1-3/1	162.3	158.3	170.0	166.6	176.0	162.6	146.7	169.5	170.7	159.9

P - Not available at press time

FROZEN SUMMER SQUASH PACKS IN THE U. S.

(All Types, Including Zucchini)

Compiled by The American Frozen Food Institute

Thousands of Pounds

1961.....	5,926	1965.....	10,987	1969.....	17,318	1973.....	26,343	1977.....	41,598
1962.....	8,022	1966.....	11,990	1970.....	18,953	1974.....	31,330	1978.....	43,826
1963.....	8,881	1967.....	10,467	1971.....	26,882	1975.....	27,906	1979.....	38,149
1964.....	6,316	1968.....	12,832	1972.....	28,494	1976.....	35,377	1980.....	36,737

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
SUMMER SQUASH										
Retail	4,997	3,403	3,728	2,971	2,197	1,984	2,692	3,523	1,696	2,853
Food Service	11,450	7,208	7,390	9,526	9,505	15,342	12,240	9,768	12,569	12,956
Bulk	2,377	1,892	2,706	3,030	2,508	3,980	5,878	6,989	9,902	12,895
Other Uses .....	.....	.....	.....	2,959	984	605	230	6,810	(a)	(a)
TOTAL	18,824	12,503	13,824	18,486	15,194	21,911	21,040	27,090	24,167	28,704
ZUCCHINI										
Retail	3,386	3,041	2,748	2,014	2,035	1,682	2,024	3,741	3,256	4,732
Food Service	6,854	7,361	6,754	8,266	6,727	15,240	16,391	9,740	16,345	18,528
Bulk	8,175	16,676	9,993	2,015	18,968	18,229	17,469	18,281	15,207	19,314
Other Uses	4,359	4,245	4,830	5,956	3,909	8,117	5,814	7,615	8,483	4,716
TOTAL	22,774	31,323	24,325	18,251	31,639	43,268	41,698	39,377	43,291	47,290
ALL TYPES										
Retail	8,383	6,444	6,476	4,985	4,232	3,666	4,716	7,264	4,952	7,585
Food Service	18,304	14,569	14,144	17,792	16,232	30,582	28,631	19,508	28,914	31,484
Bulk	10,552	18,568	12,699	5,045	21,476	22,209	23,347	25,270	25,109	32,209
Other Uses	4,359	4,245	4,830	8,915	4,893	8,722	6,044	14,425	8,483	4,716
TOTAL ALL	41,598	43,826	38,149	36,737	46,833	65,179	62,738	66,467	67,458	75,994

(a) Included in bulk.

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FROZEN VEGETABLE MIXES

Compiled by The American Frozen Food Institute

Thousands of Pounds

The following vegetable mixes are reported separately and are not included in total industry vegetable production data which represents first freezing, including the mix components.

1971... 185,039	1973... 161,124	1975... 188,470	1977... 193,133	1979... 221,279	1981... 229,081
1972... 190,771	1974... 209,917	1976... 164,575	1978... 178,566	1980... 237,436	1982... 198,624

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
MIXED VEGETABLES										
Retail	85,784	83,397	91,632	102,999	93,180	82,633	97,973	96,535	100,123	101,677
Food Service	37,701	36,707	38,131	41,697	60,689	46,759	51,389	45,600	48,262	58,573
Bulk	9,623	1,771	28,397	27,803	10,337	11,773	7,917	20,423	29,966	24,480
Total	133,108	121,875	158,160	172,499	164,606	141,165	157,279	162,558	178,351	184,730
PEAS & CARROTS										
Retail	23,495	23,840	23,628	24,312	23,178	20,274	21,845	22,452	24,580	23,258
Food Service† ...	6,822	7,954	6,246	6,346	7,001	6,169	6,232	6,122	7,089	8,670
Bulk†	44	50	2,162	2,550	3,070	3,096	3,161	3,424	3,218	4,508
Total	30,361	31,844	32,036	33,208	33,249	29,539	31,238	31,998	34,887	36,436
PEAS & PEARL ONIONS										
Retail	1,358	2,116	4,555	4,341	6,236	4,179	5,729	5,651	6,714	6,111
Food Service	2,438	2,935	3,185	3,705	4,024	3,255	2,842	3,826	4,460	5,581
Total	3,796	5,051	7,740	8,046	10,260	7,434	8,571	9,477	11,174	9,692
STEW VEGETABLES										
Retail	16,836	13,331	15,728	15,624	13,295	12,121	12,230	15,921	17,216	17,221
Food Service	1,422	366	596	1,323	1,071	1,787	2,131	3,956	2,985	2,315
Total	18,258	13,697	16,324	16,947	14,366	13,908	14,361	19,877	20,201	19,536
SUCCOTASH										
Retail	5,242	3,977	4,637	4,341	4,112	4,032	3,700	3,385	4,308	4,447
Food Service	2,368	2,122	2,382	2,395	2,488	2,546	2,337	2,094	2,533	2,636
Bulk .....	.....	.....	.....	.....	(a)	(a)	(a)	(a)	(a)	(a)
Total	7,610	6,099	7,019	6,736	6,600	6,578	6,037	5,479	6,841	7,083
TOTAL ALL	193,133	178,566	221,279	237,436	229,081	198,624	217,486	229,389	251,454	257,477

† Beginning 1979, 20lb. containers previously included in Food Service are included in bulk. (a) Some containers over 20lb. included with Food Service. Generally Retail includes up to 40 oz. poly; Food Service from 2lb. carton thru 20lb.; Bulk over 20lb.

FROZEN VEGETABLE COMBINATIONS/OR BLENDS

Compiled by The American Frozen Food Institute

Thousands of Pounds

The following combinations are reported separately and are not included in total industry vegetable production data which represents first freezing, including the mix components.

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
CALIFORNIA BLEND (generally includes Broccoli, Cauliflower & Carrots)										
Retail	10,409	10,520	15,808	24,161	20,573	36,778	41,046	48,744	63,627	54,686
Food Service¹	221	526	466	745	4,038	4,421	7,025	5,716	3,740	7,413
Bulk¹	1,248	1,574	1,240	3,335	4,458	7,402	10,634	16,096	11,023	11,800
Total	11,878	12,620	17,514	28,241	29,069	48,601	58,755	70,556	78,390	73,899
ITALIAN BLEND (generally includes Cauliflower, Zucchini, Italian gr. beans & onions)										
Retail	6,564	8,500	15,939	12,364	13,841	11,785	15,176	16,170	22,516	19,680
Food Service¹	2,112	2,734	908	3,730	4,145	3,546	5,655	5,637	1,100	2,580
Bulk¹	1,507	2,580	2,339	3,255	2,940	4,758	7,314	8,260	7,873	6,994
Total	10,183	13,814	19,186	19,349	20,926	20,089	28,145	30,067	31,489	29,254
ORIENTAL BLENDS (generally includes Green Beans, Broccoli, Onions & Mushrooms)										
Retail	26,504	19,490	27,725	21,583	25,719	37,804	39,987	43,445	41,559	39,387
Food Service/Bulk	1,220	949	1,023	1,758	1,861	4,382	7,513	7,709	6,475	4,944
Total	27,724	20,439	28,748	23,341	27,580	42,186	47,500	51,154	48,032	44,331
WINTER BLEND (generally includes Broccoli & Cauliflower)										
Retail	9,017	5,782	10,319	16,722	9,604	15,656	21,622	22,379	29,614	27,327
Food Service/Bulk	1,555	1,411	1,613	2,566	3,779	4,469	4,974	6,496	8,350	14,393
Total	10,572	7,193	11,932	19,288	13,383	20,125	26,596	28,875	37,964	41,720
NORTHWEST BLEND (generally includes Corn, Green Beans, sl. Carrots & Peas)										
Total	n.a.	n.a.	n.a.	n.a.	2,600	13,248	14,134	15,081	18,002	14,985
MISCELLANEOUS BLENDS										
Total	102,609	112,497	91,858	110,871	141,991	81,745	76,144	86,793	110,686	114,159
TOTAL BLENDS	162,466	166,563	169,238	201,090	235,549	225,994	251,274	282,526	324,563	318,348

¹20lb. included with Bulk. n.a. Not available.

TOTAL U.S. FROZEN FRUIT AND BERRY PACKS

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942... 194,643	1948... 369,723	1954... 522,990	1960... 659,718	1966... 663,570	1972... 612,062
1943... 187,267	1949... 354,021	1955... 659,787	1961... 704,926	1967... 641,813	1973... 650,164
1944... 323,886	1950... 472,173	1956... 694,327	1962... 668,118	1968... 728,457	1974... 602,104
1945... 427,038	1951... 415,945	1957... 671,374	1963... 619,514	1969... 678,283	1975... 566,825
1946... 519,093	1952... 420,303	1958... 610,387	1964... 795,154	1970... 620,688	1976... 628,513
1947... 343,520	1953... 541,961	1959... 617,576	1965... 653,452	1971... 665,478	1977... 687,409

TOTAL FROZEN FRUIT AND BERRY PACKS BY REGION

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Northeast	40,555	54,407	59,114	64,046	49,980	60,724	45,695	54,303	52,384	96,622
South	11,501	(a)	(a)	(a)	13,504	12,803	(a)	(a)	(a)	(a)
Midwest	172,856	168,602	134,803	156,100	138,792	63,787	61,252	72,417	82,350	94,012
West	462,497	319,917	380,947	433,256	423,647	477,001	467,322	435,400	407,426	445,287
Total	687,409	542,566	574,864	653,402	625,923	614,315	574,269	562,220	542,160	635,921

NORTHEAST: Conn., Maine, Mass., New Jersey, New York, Pennsylvania, Rhode Island and Vermont.
 SOUTH: Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia and West Virginia.
 MIDWEST: Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio and Wisconsin. WEST: Arizona, California, Colo., Hawaii, Idaho, Mont., Ore., Utah, and Wash. (a) Included in Northeast.

FROZEN FRUIT AND BERRY PACK BY COMMODITY

Product	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Apples	97,204	68,337	60,827	69,109	105,893	100,378	75,576	77,996	85,481	111,133
Apricots	15,749	11,814	16,941	10,409	13,606	16,766	14,077	16,565	11,770	14,308
Cherries, R.S.P. ...	154,600	126,300	116,300	129,009	85,848					
Cherries, Sweet ...	13,011	18,362	13,262	10,776	14,209	17,206	17,303	13,282	10,262	14,404
Grapes & Pulp ...	4,892	4,529	2,264	2,178	2,901	8,442	10,006	(a)	4,715	(a)
Peaches	69,323	40,814	62,510	56,274	59,612	56,714	56,454	75,877	70,270	89,076
Plums & Prunes ...	3,594	2,774	5,649	6,195	4,348	5,631	2,646	3,436	4,400	4,354
Purees, Non Cit ...	16,833	16,338	12,251	8,913	13,128	20,268	16,169	15,645	24,655	29,424
Blackberries	23,352	19,579	14,823	20,874	16,997	16,283	14,581	11,130	12,681	12,955
Blueberries	14,750	27,992	31,485	36,426	50,141	46,464	43,528	54,835	54,506	77,754
Boysenberries ...	3,836	3,048	2,732	4,678	3,627	5,101	3,549	3,524	2,561	5,493
Currants	765	654	475	461	330	(a)	(a)	(a)	(a)	(a)
Loganberries ...	3,427	2,089	1,276	1,905	1,552	1,665	2,223	1,018	775	1,133
Olallie berries ...	(a)	2,886	3,082	3,646	374	(a)	(a)	(a)	(a)	(a)
Raspberries, B ...	1,766	1,453	3,907	2,786	3,368	4,320	1,176	1,333	990	1,678
Raspberries, R ...	23,222	19,742	19,611	18,640	22,811	22,397	18,679	18,326	13,794	13,645
Strawberries ...	220,391	159,834	190,572	253,072	210,558	272,676	292,662	231,414	229,152	237,604
Misc. Fru & Ber ...	20,694	16,021	16,897	18,051	16,620	20,004	5,640	37,839	16,148	22,960
Total	687,409	542,566	574,864	653,402	625,923	614,315	574,269	562,220	542,160	635,921

(a) Included with Miscellaneous. *Due to lack of cooperation RSP Cherries have been removed from reports.

FROZEN APPLE PACKS IN THE U.S.

Thousands of Pounds

1942... 15,110	1948... 27,552	1954... 60,094	1960... 69,853	1966... 94,352	1972... 130,377
1943... 27,810	1949... 52,268	1955... 72,756	1961... 80,117	1967... 97,634	1973... 135,086
1944... 52,391	1950... 48,013	1956... 86,956	1962... 65,874	1968... 117,218	1974... 99,180
1945... 92,985	1951... 28,772	1957... 69,225	1963... 75,429	1969... 122,293	1975... 89,704
1946... 78,220	1952... 37,649	1958... 67,407	1964... 86,893	1970... 100,370	1976... 118,759
1947... 28,573	1953... 42,356	1959... 72,313	1965... 93,392	1971... 96,999	1977... 97,204

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY REGION										
Northeast/South	8,735	11,188	11,529	13,882	21,191	37,101	21,446	21,351	21,750	44,532
Midwest	31,062	41,380	29,170	29,101	40,202	37,920	30,240	32,051	41,993	48,307
West	57,407	15,769	20,128	26,126	44,500	25,357	23,890	24,594	21,738	18,294

SIZE CLASSIFICATION										
20 lb. and less ...	42,959	4,437	5,310	8,545	4,261	6,080	11,118	11,235	14,890	29,223
25 to 28 lb.	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
30 lb.	42,745	44,091	34,240	41,760	67,208	72,255	44,420	43,667	19,765	45,812
32 to 60 lb.	4,763	6,937	4,173	3,352	7,103	4,058	4,750	3,574	3,132	19,580
1 Q F	6,737	12,036	14,307	15,452	21,707	17,985	17,039	19,520	27,212	19,973
Barrels	(d)	836	2,797	(d)	5,614	(d)	1(1,751)	(d)	20,482	1(3,455)
Total Pack	97,204	68,337	60,827	69,109	105,893	100,378	75,576	77,996	85,481	111,133

(b) Included in Midwest. (c) Included in 20 lb. and less. (d) Included in IQF. ¹Deficit attributable to previous year carryover.

FROZEN R.S.P. CHERRY PACKS IN THE U.S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942....41,820	1948....87,798	1954....86,695	1960....129,029	1966....87,367	1972....145,408
1943....23,005	1949....70,989	1955....114,465	1961....186,440	1967....97,792	1973....109,368
1944....55,059	1950....104,459	1956....88,734	1962....137,293	1968....141,515	1974....137,976
1945....16,144	1951....99,282	1957....130,571	1963....81,644	1969....140,688	1975....126,073
1946....88,061	1952....61,867	1958....86,195	1964....202,522	1970....121,271	1976....84,113
1947....67,002	1953....115,242	1959....107,447	1965....146,355	1971....159,408	1977....154,600

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
BY REGION										
Northeast	15,139	8,999	8,146	12,789	21,470	16,466	10,545			
Midwest	99,850	57,511	134,040	100,948	80,356	98,002	60,416			
West	11,084	17,603	12,414	12,563	14,474	14,541	14,887			
SIZE CLASSIFICATION								Reports discontinued.		
15 lb. & less	1,546	595	1,510	(b)	(b)	(b)	(b)			
25 to 30 lb.	112,760	72,732	132,819	113,240	97,332	105,031	65,579			
31 lb & over*	9,833	10,786	20,271	13,060	18,318	23,978	20,269			
Barrels	1,934	(a)	(a)	(a)	(a)	(a)	(a)			
Total Pack	126,073	84,113	154,600	126,300	116,300	129,009	85,848			

*Includes I.Q.F. (a) Included in 31 lb. & over. (b) Included in 25 to 30 lb.

FROZEN PEACH PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942....13,801	1948....13,598	1954....36,380	1960....72,928	1966....65,190	1972....46,316
1943....17,009	1949....23,235	1955....50,636	1961....60,774	1967....73,358	1973....81,388
1944....45,563	1950....25,791	1956....45,481	1962....53,570	1968....82,035	1974....59,058
1945....103,634	1951....32,380	1957....44,462	1963....65,607	1969....53,572	1975....40,273
1946....65,140	1952....35,454	1958....43,478	1964....76,250	1970....47,471	1976....65,101
1947....27,034	1953....52,171	1959....47,259	1965....59,453	1971....59,924	1977....69,323

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY REGION										
West	64,766	38,191	n.a.	n.a.	n.a.	54,356	n.a.	70,589	n.a.	n.a.
Other	4,557	2,623	n.a.	n.a.	n.a.	2,358	n.a.	5,288	n.a.	n.a.
SIZE CLASSIFICATION										
Retail	4,516	1,528	(a)	(a)	(a)	(a)	(a)	(a)	2,295	(a)
Food Service										
10 lb & less	5,118	5,294	8,824	7,518	8,542	8,509	9,290	9,693	9,289	12,641
30 lb	1,784	2,772	5,281	2,168	6,539	5,090	1,254	851	(b)	13,546
32 lb	23,107	5,254	13,490	12,069	11,184	12,519	14,347	14,522	10,313	11,352
Other	34,798	25,966	34,915	34,519	33,347	30,596	31,563	50,811	48,373	51,537
Total Pack	69,323	40,814	62,510	56,274	59,612	56,714	56,454	75,877	70,270	89,076

(a) Included with 10 lb. & less. (b) Included in 32 lb.

FROZEN BLACKBERRY PACKS IN THE U.S.

(All varieties except Olallie Berries)

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942....8,229	1948....9,745	1954....14,156	1960....26,970	1966....25,812	1972....21,164
1943....8,310	1949....15,186	1955....16,539	1961....22,562	1967....20,722	1973....8,249
1944....16,173	1950....8,973	1956....12,845	1962....22,532	1968....22,381	1974....21,107
1945....21,503	1951....14,574	1957....19,157	1963....20,675	1969....27,184	1975....20,892
1946....19,750	1952....10,628	1958....13,604	1964....23,851	1970....29,186	1976....22,774
1947....14,510	1953....17,966	1959....15,770	1965....23,251	1971....27,536	1977....23,352

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
SIZE CLASSIFICATION										
20 lb. & under.									1,921	1,546
28 & 30 lb.	7,973	4,624	3,140	8,987	6,077	6,056	3,660	1,456	3,383	1,701
I.Q.F.	4,452	4,777	2,261	2,804	6,805	6,438	5,004	4,854	3,309	6,282
Other	1,064	(a)	758	415	2,845	684	2,853	(b)	(b)	(b)
Barrels	9,863	10,178	8,664	8,668	1,270	3,105	3,064	4,820	4,068	3,426
Total Pack	23,352	19,579	14,823	20,874	16,997	16,283	14,581	11,130	12,681	12,955

(a) Included in Barrels. (b) Included in I.Q.F.

FROZEN BLUEBERRY PACKS IN THE U. S.

Thousands of Pounds

1942....1,716	1948....7,661	1954....20,971	1960....25,230	1966....35,403	1972....30,932
1943....2,700	1949....14,036	1955....21,020	1961....21,990	1967....31,828	1973....44,376
1944....4,963	1950....10,900	1956....19,639	1962....26,452	1968....27,750	1974....24,393
1945....7,829	1951....13,921	1957....24,446	1963....25,767	1969....37,663	1975....24,572
1946....10,240	1952....9,848	1958....15,982	1964....30,574	1970....21,836	1976....26,261
1947....5,407	1953....13,988	1959....16,393	1965....27,981	1971....30,441	1977....14,750

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY REGION										
Northeast*	9,954	19,777	16,671	16,202	21,372	26,427	21,747	30,013	29,133	43,402
Midwest	3,567	6,560	12,854	18,189	25,927	16,172	17,686	22,471	21,653	31,323
West	1,229	1,655	1,960	2,035	2,842	3,865	4,095	2,351	3,720	3,029
SIZE CLASSIFICATION										
10 lb. & less	1,430	1,167	1,367	877	2,860	3,652	3,422	5,545	6,359	5,360
20 lb.	363	319	1,082	672	766	(a)	(a)	(a)	3,656	11,879
30 lb.	9,283	13,683	17,019	21,994	31,981	34,888	35,237	46,116	27,795	52,474
Other (over 10 lb)	1,944	2,404	655	1,407	3,339	6,481	573	5,077	.....	10,559
I.Q.F.	2,573	6,453	7,472	9,759	6,231	4,079	4,814	7,469	16,412	16,615
Barrels	†(843)	3,966	3,890	1,717	4,964	†(2,636)	†(518)	†(9,372)	284	†(19,133)
Total Pack	14,750	27,992	31,485	36,426	50,141	46,464	43,528	54,835	54,506	77,754

(a) Included in "Other". (b) Included in barrels. *Includes small southern pack. †Deficit attributable to previous years' carryover.

FROZEN RED RASPBERRY PACKS IN THE U. S.

Compiled by The American Frozen Food Institute

Thousands of Pounds

1942....14,206	1948....23,198	1954....23,502	1960....28,041	1966....31,575	1972....20,485
1943....14,608	1949....25,682	1955....25,730	1961....23,127	1967....27,394	1973....26,625
1944....13,117	1950....20,439	1956....9,184	1962....27,631	1968....23,078	1974....20,323
1945....13,255	1951....19,414	1957....30,365	1963....31,441	1969....27,657	1975....24,666
1946....23,905	1952....18,365	1958....24,463	1964....25,335	1970....25,409	1976....20,841
1947....25,401	1953....24,895	1959....24,691	1965....27,631	1971....24,467	1977....23,222

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
SIZE CLASSIFICATION										
Retail	5,165	4,042	4,051	3,149	3,852	4,739	4,504	4,665	6,860	3,141
Food Service	430	426	845	515	515	274	802	761	2,024	1,488
Bulk	17,627	15,274	14,715	14,976	18,444	17,384	13,373	12,900	4,910	9,016
Total Pack	23,222	19,742	19,611	18,640	22,811	22,397	18,679	18,326	13,794	13,645

FROZEN STRAWBERRY PACKS IN THE U.S.

Compiled by the American Frozen Food Institute

Thousands of Pounds

1942....63,776	1948....160,077	1954....221,446	1960....217,477	1966....236,492	1972....146,842
1943....29,829	1949....107,600	1955....272,970	1961....222,694	1967....213,340	1973....168,552
1944....34,826	1950....192,732	1956....312,293	1962....234,620	1968....213,275	1974....170,371
1945....36,917	1951....157,729	1957....259,262	1963....234,440	1969....178,693	1975....183,895
1946....78,059	1952....200,302	1958....261,529	1964....252,646	1970....201,572	1976....216,153
1947....109,036	1953....225,963	1959....248,227	1965....191,613	1971....199,399	1977....220,391

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BY REGION										
South & Midwest*	*6,904	6,944	6,698	14,814	7,195	4,225	7,315	3,451	5,983	6,442
Northwest	46,599	42,515	52,141	60,644	59,235	68,875	90,638	63,210	60,092	51,806
California	166,888	110,375	131,733	177,614	144,128	199,576	194,709	164,753	163,077	179,356
BY STYLE										
Whole	105,933	74,545	82,994	137,380	96,770	117,277	129,441	109,004	108,145	101,189
Sliced	114,458	85,289	107,578	115,692	113,788	155,399	163,221	122,410	121,007	136,415
Total	220,391	159,834	190,572	253,072	210,558	272,676	292,662	231,414	229,152	237,604
SIZE CLASSIFICATION†										
Retail	71,479	55,423	61,268	66,675	49,126	66,457	55,852	58,988	54,003	46,936
Food Service	22,054	14,330	23,766	23,953	29,644	35,494	51,005	32,760	34,915	43,503
Bulk	126,858	90,081	105,538	162,444	131,788	170,725	185,805	139,666	140,234	147,165
Total Pack	220,391	159,834	190,572	253,072	210,558	272,676	292,662	231,414	229,152	237,604

*Includes production in New York thru 1981. †10 lb. packages are classified Bulk.

FROZEN CONCENTRATED CITRUS JUICES(a)

Source: Florida Canners Association and American Frozen Food Institute.

Thousands of Gallons Concentrated (Unreconstituted) Basis

Year	Orange	Grapefruit	Lemon	Grapefruit Orange	Lemonade	Tangerine	Limeade
1948-49	12,196	116	n.a.	112	n.a.	n.a.	n.a.
1949-50	25,137	1,665	91	1,336	1,702	n.a.	n.a.
1950-51	34,938	188	205	245	3,437	n.a.	n.a.
1951-52	47,743	1,098	317	536	5,751	349	n.a.
1952-53	51,264	1,226	574	480	8,628	551	n.a.
1953-54	66,978	1,677	1,316	965	9,845	443	n.a.
1954-55	65,481	1,155	908	561	8,268	877	992
1955-56	69,592	2,542	854	954	10,388	619	1,320
1956-57	72,455	2,949	1,691	597	10,031	793	684
1957-58	64,000	3,330	233*	507	11,850*	141	438
1958-59	79,981	4,952	2,216	690	12,807	1,152	885
1959-60	77,999	1,639	1,150*	284	14,750*	324	845*
1960-61	84,374	3,841	93*	256	8,450*	1,407	728
1961-62	115,866	3,163	n.a.	267	n.a.	1,370	822
1962-63	51,648	2,323	n.a.	53	n.a.	205	546
1963-64	53,674	2,573	n.a.	130	n.a.	1,146	1,196
1964-65	88,869	4,000	n.a.	70	n.a.	1,154	656
1965-66	76,695	3,971	n.a.	50	n.a.	715	590
1966-67	131,755	5,485	n.a.	29	n.a.	1,120	503
1967-68	83,697	1,814	n.a.	10	n.a.	582	983
1968-69	103,750	5,920	n.a.	36	n.a.	1,051	852
1969-70	124,947	4,294	n.a.	16	n.a.	785	1,345
1970-71	125,187	6,870	n.a.	18	n.a.	1,090	1,648
1971-72	134,229	8,798	n.a.	22	n.a.	1,220	1,498
1972-73	176,073	8,658	n.a.	3	n.a.	1,072	936
1973-74	171,846	9,026	n.a.	11	n.a.	1,019	1,530
1974-75	178,174	7,847	n.a.	4	n.a.	1,147	1,921
1975-76	186,265	9,316	n.a.	-	n.a.	1,111	1,307
1976-77	158,035	11,258	n.a.	-	n.a.	926	1,272
1977-78	161,203	13,692	n.a.	-	n.a.	1,671	1,853
1978-79	173,053	14,243	n.a.	-	n.a.	1,367	2,624
1979-80	231,257	19,443	n.a.	-	n.a.	2,142	1,851
1980-81	174,537	20,763	n.a.	-	n.a.	1,175	n.a.
1981-82	133,294	21,869	n.a.	-	n.a.	924	n.a.
1982-83	169,577	14,483	n.a.	-	n.a.	334	n.a.
1983-84	121,216	19,291	n.a.	-	n.a.	636	n.a.
1984-85	118,472	24,802	n.a.	-	n.a.	285	n.a.
1985-86	132,406	24,162	n.a.	-	n.a.	368	n.a.

*Trade estimate only - not verified. n.a.-Not available. NOTE: Prior to 1965-66, production was reported on a 42° Brix basis; on a 45° Brix basis 1966-67 thru 1979-80; on a 43.4° Brix basis in 1980-81; on a 42° Brix basis since 1981. (a) Not included in Fruit & Berry Pack totals.

NON-CITRUS CONCENTRATES AND JUICES(a)

Thousands of Gallons

1958	814	1964	2,843	1970	1,534	1976	2,512	1982	23,778
1959	1,911	1965	749	1971	2,088	1977	3,003	1983	26,022
1960	1,425	1966	735	1972	2,824	1978	6,005	1984	28,884
1961	1,625	1967	603	1973	2,518	1979	5,340	1985	20,826
1962	2,285	1968	431	1974	3,479	1980	6,311	1986	22,673
1963	4,136	1969	1,661	1975	4,389	1981	18,472		

(a) Not included in Fruit & Berry Pack totals.

FROZEN FRUIT AND BERRY—SUPPLY—STOCKS—MOVEMENT

Source: Economic Research Service, USDA; Pack data from American Frozen Food Institute; stocks, Statistical Reporting Service USDA; imports, Bureau of Census, U.S. Department of Commerce.

MILLION POUNDS

Items and season	Carryin	Pack	Imports	Total supply	Disappearance to Mar. 31	Stocks Mar. 31	Total season disappearance
Apples							
1980/81.....	36.0	69.1	-	105.1	28.2	76.9	65.1
1981/82.....	40.0	105.9	-	145.9	73.9	72.0	115.3
1982/83.....	30.6	100.4	-	131.0	63.7	67.3	94.1
1983/84.....	36.9	75.6	-	112.5	31.1	81.4	81.3
1984/85.....	31.2	78.0	-	109.2	45.6	63.6	77.2
1985/86.....	32.0	85.5	-	117.5	43.0	74.5	73.1
Apricots							
1980/81.....	5.4	10.4	-	15.8	11.5	4.3	12.9
1981/82.....	2.9	13.6	-	16.5	13.0	3.5	13.0
1982/83.....	3.5	16.8	-	20.3	14.4	5.9	16.7
1983/84.....	3.6	14.1	-	17.7	12.5	5.2	13.9
1984/85.....	3.8	16.7	-	20.5	14.1	6.4	15.8
1985/86.....	4.7	11.8	-	16.5	12.0	4.5	12.5
Cherries*							
1980/81.....	28.2	139.8	-	168.0	108.0	60.0	131.4
1981/82.....	36.6	100.0	-	136.6	90.2	46.4	108.1
1982/83.....	28.5	176.4	-	204.9	161.6	43.3	183.1
1983/84.....	4.9	17.3	-	22.2	12.7	9.5	16.1
1984/85.....	6.1	13.3	-	19.4	8.5	10.9	12.8
1985/86.....	6.6	10.3	-	16.9	5.8	11.1	9.8
Peaches							
1980/81.....	20.3	56.3	-	76.6	41.0	35.6	54.7
1981/82.....	21.9	59.6	-	81.5	43.7	37.8	56.6
1982/83.....	24.9	56.7	-	81.6	46.3	35.3	59.3
1983/84.....	22.3	56.5	-	78.8	51.7	27.1	65.1
1984/85.....	13.7	75.9	-	89.6	50.0	39.6	71.0
1985/86.....	18.6	70.3	-	88.9	63.4	25.5	79.6
Strawberries							
1980/81.....	103.3	253.1	76.0	432.4	325.1	107.3	327.1
1981/82.....	105.3	210.6	43.5	359.4	289.6	69.8	289.6
1982/83.....	69.8	272.7	35.5	378.0	286.6	91.4	291.1
1983/84.....	86.9	292.6	44.6	424.1	286.5	137.6	290.9
1984/85.....	133.2	231.4	61.4	426.0	306.5	119.5	313.6
1985/86.....	112.4	229.1	53.6	395.1	284.9	110.2	248.9
Blackberries							
1980/81.....	6.1	20.9	-	27.0	7.7	19.3	11.3
1981/82.....	15.7	17.0	-	32.7	15.5	17.2	20.2
1982/83.....	12.5	16.3	-	28.8	18.3	10.5	20.7
1983/84.....	8.1	14.6	-	22.7	15.6	7.1	18.1
1984/85.....	4.6	11.1	-	15.7	7.3	8.4	10.7
1985/86.....	5.0	12.7	-	17.7	8.4	9.3	11.1
Blueberries							
1980/81.....	18.0	36.4	5.7	58.1	40.3	17.8	50.1
1981/82.....	8.0	50.1	4.2	62.3	47.6	14.7	56.4
1982/83.....	5.9	46.5	6.0	58.4	39.1	19.3	49.1
1983/84.....	9.3	43.5	11.2	64.0	21.0	43.0	30.2
1984/85.....	33.8	54.8	11.1	99.7	64.6	35.1	79.6
1985/86.....	20.1	54.5	10.9	85.5	47.6	37.9	65.1
Raspberries							
1980/81.....	5.8	21.4	-	27.0	17.6	9.4	22.3
1981/82.....	4.7	26.2	-	30.9	22.1	8.8	26.0
1982/83.....	4.9	26.7	1.2	32.8	16.6	16.2	14.0
1983/84.....	18.8	19.9	4.2	42.9	29.3	13.6	32.9
1984/85.....	10.0	19.6	3.3	32.9	14.3	18.6	22.2
1985/86.....	10.7	14.8	9.5	35.0	19.2	15.8	22.8
Total							
1980/81.....	220.9	607.4	81.7	910.0	579.4	325.2	674.9
1981/82.....	235.1	583.0	47.7	865.8	595.6	270.2	685.2
1982/83.....	180.6	712.5	42.6	935.8	646.4	289.2	728.1
1983/84.....	190.8	534.1	60.0	784.9	460.4	324.5	548.5
1984/85.....	236.4	500.8	75.8	813.0	510.9	302.1	112.7
1985/86.....	210.1	489.0	74.0	773.1	484.3	288.8	522.7

*Season beginning May 1 for strawberries, June 1 for apricots, October 1 for apples and July 1 for all other items. *Excludes tart varieties beginning 1983/84.

1982 CENSUS REPORT—Continued

In current prices, industry 2091 produced \$1.2 billion of products primary to the industry and \$697 million of secondary products and miscellaneous receipts.

Establishments in this industry accounted for 91 percent of products considered primary to the industry no matter where they actually were produced (coverage ratio). In 1977, the coverage ratio was 96 percent. The products primary to industry 2091, no matter in what industry they were produced, aggregate to \$1.3 billion in current prices.

FRESH OR FROZEN PACKAGED FISH, SIC 2092 — This industry comprises establishments primarily engaged in preparing fresh and raw or cooked frozen packaged fish and other seafood, including soups.

This industry also includes establishments primarily engaged in the shucking and packing of fresh oysters in nonsealed containers.

In the 1982 Census, Industry 2092 recorded employment of 37.5 thousand. The total value of production for establishments classified in this industry was \$4.0 billion.

The employment figure was 9 percent above the 34.3 thousand reported in 1977. The leading States in employment in 1982 were Florida, Massachusetts, Virginia, and Alaska, accounting for approximately 45 percent of the industry's 1982 employment.

In current prices, industry 2092 produced \$3.6 billion of products primary to the industry, \$122 million of secondary products, and had \$296 million of miscellaneous receipts.

GENERAL STATISTICS BY INDUSTRY—1958-1982—(From Table 1a Census Reports)

Census Year	Com- panies ¹	Establishments		All Employees		Production Workers			Value added by manufac- ture ²	Cost of materials, fuels, etc.	Value of industry Pro- duction ³	Capital ex- pendi- tures, new	Gross Value fixed assets
		Total	With 20 employees or more	Number	Payroll	Number	Man- hours	Wages					
	(number)	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Industry 2032 Canned Specialties													
1982 . . .	171	198	88	23.4	392.4	19.0	37.0	297.6	1,769.3	2,372.0	1,140.8	154.3	n.a.
1977 . . .	172	203	88	26.4	296.5	21.5	42.4	224.3	1,142.6	1,687.7	2,829.2	46.7	n.a.
1972 . . .	178	203	88	29.1	217.8	24.0	46.9	167.0	814.6	1,062.3	1,876.6	44.1	557.3
1967 . . .	150	175	83	27.2	157.3	22.4	45.0	115.1	602.1	760.5	1,361.9	28.1	412.7
1963 . . .	154	173	77	25.2	127.2	20.4	40.7	92.3	540.8	627.5	1,169.3	25.6	311.8
1958 . . .	n.a.	107	69	24.2	109.5	19.7	41.6	81.4	340.8	507.0	846.9	16.5	n.a.
Industry 2033 Canned Fruits and Vegetables													
1982 . . .	514	715	451	70.5	1,040.1	60.7	113.6	822.4	3,552.7	5,768.1	9,283.1	264.1	n.a.
1977 . . .	648	900	519	82.6	789.8	72.6	135.0	636.6	2,546.1	4,135.3	6,666.5	147.1	n.a.
1972 . . .	765	1,038	621	89.8	559.9	78.8	147.1	447.9	1,825.1	2,414.8	4,043.8	113.1	1,303.3
1967 . . .	930	1,225	732	100.0	473.8	88.9	174.0	376.0	1,413.3	2,065.4	3,467.8	101.9	1,053.4
1963 . . .	1,135	1,430	836	102.4	382.1	90.7	168.2	303.5	1,029.5	1,707.3	2,742.8	66.6	793.8
1958 . . .	n.a.	1,630	923	108.4	340.3	95.8	180.4	259.9	849.9	1,485.6	2,333.9	43.7	n.a.
Industry 2034 Dehydrated Fruits, Vegetables and Soups													
1982 . . .	119	151	85	13.6	216.9	11.2	19.1	156.2	790.1	985.0	1,745.1	51.7	n.a.
1977 . . .	143	184	87	14.4	153.9	11.7	22.1	111.5	485.9	685.3	1,142.4	52.5	n.a.
1972 . . .	133	178	88	12.4	84.3	10.6	19.8	63.0	235.7	351.7	607.3	18.9	208.8
1967 . . .	134	178	81	11.1	58.0	9.4	18.1	44.0	167.7	255.2	420.8	14.6	140.9
1963 . . .	126	176	80	9.2	41.7	7.8	15.3	31.2	115.8	208.9	318.7	16.2	84.8
1958 . . .	n.a.	161	67	7.6	28.3	6.6	12.8	21.8	75.5	188.2	273.3	6.7	n.a.
Industry 2035 Pickles, Sauces, Salad Dressings													
1982 . . .	327	376	156	22.0	371.5	17.4	33.3	260.8	1,736.9	2,532.7	4,268.8	67.5	n.a.
1977 . . .	380	438	168	23.5	250.2	18.9	35.7	184.9	986.5	2,003.8	2,996.5	52.3	n.a.
1972 . . .	429	495	191	20.8	146.2	16.6	32.4	102.2	428.0	738.7	1,166.7	43.4	285.1
1967 . . .	479	527	182	19.8	100.5	16.2	31.7	72.0	295.5	526.6	818.9	14.9	196.8
1963 . . .	541	588	184	19.0	83.7	15.4	29.9	58.3	249.4	427.6	677.3	11.0	201.8
1958 . . .	n.a.	619	205	19.5	70.5	15.6	29.8	48.5	164.6	361.5	525.3	11.2	n.a.
Industry 2037 Frozen Fruits and Vegetables													
1982 . . .	195	264	199.9	47.7	643.5	41.5	77.1	506.7	2,408.6	2,970.1	5,374.6	235.7	n.a.
1977 . . .	187	260	193	46.8	425.9	41.5	78.5	344.7	1,322.5	1,972.0	3,297.5	87.7	n.a.
1972 . . .	136	209	191	42.8	261.2	37.6	74.5	208.8	694.6	1,150.4	1,848.8	57.8	579.8
1967 . . .	n.a.	607	362	64.3	293.9	56.2	110.3	221.1	759.3	1,306.5	2,066.3	75.1	650.2
1963 . . .	n.a.	650	346	51.8	202.4	44.7	86.7	154.4	550.2	999.5	1,548.7	44.6	409.8
1958 . . .	n.a.	426	263	39.5	126.8	34.1	66.3	96.9	323.8	702.9	1,025.9	21.0	n.a.
Industry 2038 Frozen Specialties													
1982 . . .	319	389	251	42.4	650.7	32.6	63.1	428.5	2,066.2	2,966.5	5,033.9	160.5	n.a.
1977 . . .	330	394	208	41.0	419.8	32.5	63.4	290.9	1,217.7	2,187.5	3,404.4	84.1	n.a.
1972 . . .	388	435	211	38.3	264.1	31.8	61.5	190.1	716.3	1,221.3	1,935.5	81.0	516.7
Industry 2091 Canned and Cured Seafoods													
1982 . . .	170	204	107	13.9	194.9	12.1	21.1	150.6	613.4	1,235.3	1,849.1	20.5	n.a.
1977 . . .	215	255	118	16.0	147.0	13.8	25.0	113.4	441.0	1,009.4	1,440.6	28.1	n.a.
1972 . . .	258	310	139	16.0	99.0	14.0	24.0	75.0	231.4	580.6	809.8	15.5	136.0
1967 . . .	268	320	161	15.8	69.1	14.0	23.6	54.8	181.0	342.0	523.1	9.4	114.2
1963 . . .	345	405	196	17.3	66.2	15.5	25.5	52.6	174.6	277.8	452.5	6.3	95.8
1958 . . .	n.a.	411	210	17.1	58.1	15.4	25.1	47.5	130.6	258.1	388.6	3.5	n.a.
Industry 2092 Fresh or Frozen Packaged Fish													
1982 . . .	697	783	433	37.5	408.6	32.5	55.5	303.8	966.7	3,040.0	4,009.1	62.2	n.a.
1977 . . .	908	980	406	34.3	260.8	29.6	49.7	188.9	700.9	1,962.9	2,664.9	56.8	n.a.
1972 . . .	470	518	256	25.0	129.6	21.8	37.7	93.8	287.5	798.1	1,084.4	17.8	162.1
1967 . . .	n.a.	497	241	21.4	77.2	19.4	32.8	60.0	164.9	393.8	557.4	8.7	n.a.
1963 . . .	528	547	255	20.1	56.5	17.9	32.1	44.6	118.5	272.7	391.2	6.1	53.6
1958 . . .	n.a.	446	226	17.5	41.4	15.6	26.2	32.3	83.5	226.9	310.1	3.7	n.a.

¹ For the Census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
² Not comparable with earlier years. See text "Description of Industries". n.a. Not available. ³ Reflects value not only of primary activities of the establishments, which determine their industry classification, but also all secondary activities performed in the same establishments. Value of shipments (not production) reflected in figures for Industry 2034.
⁴ Old SIC basis, includes industry 2038 Frozen Specialties.

CENSUS REPORT—SELECTED STATES—1982 & 1977 TABLE 2

State	1982										1977		
	Establishments Total (number)	With 20 employees or more (number)	All Employees Number (1,000)	Payroll (million dollars)	Production Workers Number (1,000)	Man- hours (mil- lions)	Wages (million dollars)	Value added by manufac- ture (million dollars)	Cost of mater- ials (million dollars)	Value of Pro- duction (million dollars)	New Capital expen- diture (million dollars)	em- ploy- ees number (1,000)	Value added by manufac- ture (million dollars)
Industry 2032 Canned Specialties													
U.S....	199	88	23.4	392.1	19.0	37.0	297.6	1,769.3	2,372.0	1,110.8	151.3	26.4	1,142.6
CA....	41	20	3.9	70.2	3.2	5.9	52.6	238.4	359.6	599.2	8.5	3.8	179.4
IL....	13	8	1.1	18.4	.9	1.6	13.5	62.0	86.8	148.7	2.0	2.0	65.1
IN....	7	5	1.7	25.7	1.4	3.1	21.6	101.6	151.0	252.2	2.4	2.3	75.2
NY....	11	5	1.1	15.1	.8	1.5	9.8	84.1	72.1	155.7	2.6	1.7	74.4
NC....	4	4	3.5	64.0	3.0	5.7	51.3	288.5	252.6	540.9	10.0	3.6	148.1
PA....	12	8	2.1	33.1	1.6	3.2	23.4	191.3	295.1	486.4	7.8	2.9	122.3
TX....	12	8	2.1	33.1	1.6	3.2	23.4	191.3	295.1	486.4	7.8	2.9	122.3

OTHER STATES - Limited data available, see notes at bottom of page.

AZ 4-2-B	CO 8-2-A	IA 4-3-B	ME 2-1-B	MI 5-2-C	OH 9-3-E	TN 8-2-C
AR 3-3-C	ID 1-1-B	KS 1-1-A	MD 2-1-A	NJ 7-3-E	SC 2-1-B	WI 4-3-A

Industry 2033 Canned Fruits and Vegetables													
U.S....	715	451	70.5	1,040.1	60.7	113.6	822.4	3,552.7	5,768.1	9,383.4	264.1	82.6	2,546.1
CA....	11	7	.6	5.5	.6	1.2	4.8	9.8	37.2	47.7	.7	1.2	27.5
AR....	131	94	21.6	388.9	19.1	35.0	326.8	1,176.2	1,791.6	2,948.0	102.9	25.9	801.2
FL....	40	17	4.5	67.3	3.5	7.4	47.3	264.0	583.1	838.3	20.6	4.7	188.5
HI....	9	4	3.1	33.6	2.3	4.3	27.7	89.3	125.2	214.5	7.2	3.4	87.1
IL....	23	13	1.5	23.1	1.2	2.6	16.7	67.3	133.5	200.6	6.8	1.6	41.3
IN....	19	11	.6	8.3	.5	1.1	6.0	21.0	54.1	75.1	3.9	1.1	27.6
LA....	8	8	8	8.2	.6	1.0	5.8	26.6	36.0	62.6	.5	1.2	9.2
MA....	9	5	3	4.7	.3	.5	3.2	11.5	39.5	42.0	.6	.6	24.9
MI....	36	23	2.1	29.6	1.7	3.7	21.5	114.8	208.3	325.1	10.9	2.4	57.4
MN....	19	16	2.3	26.7	2.1	3.7	21.4	94.5	144.9	239.4	7.8	3.1	129.0
NJ....	19	13	1.3	24.5	.9	1.9	16.0	126.1	183.1	310.6	6.9	1.4	55.3
NY....	49	38	4.4	65.2	3.5	7.0	44.0	310.5	455.8	763.6	23.7	4.0	169.6
OH....	33	20	2.8	46.3	2.5	4.4	37.7	169.7	303.8	472.6	5.7	2.7	161.6
OR....	21	13	1.6	21.9	1.5	2.4	18.6	56.8	73.7	130.4	4.9	3.6	63.9
PA....	26	21	3.2	44.2	2.6	5.1	32.5	155.5	311.8	466.1	9.3	4.0	114.7
TN....	9	5	.5	4.5	.4	.6	2.3	21.8	28.0	49.8	1.9	.6	9.0
TX....	22	14	2.1	31.3	1.9	4.3	23.1	104.9	175.5	280.4	7.4	1.5	39.5
VA....	19	10	1.7	17.5	1.6	2.7	14.4	49.3	86.5	134.6	(D)	1.6	28.8
WA....	24	18	2.8	36.0	2.5	4.2	30.3	139.5	214.0	356.5	8.5	3.0	96.7
WI....	65	52	6.0	72.2	5.5	9.6	59.7	238.9	355.4	585.9	14.4	7.4	213.4

OTHER STATES - Limited data available, see notes at bottom of page.

AL 1-1-A	GA 12-7-C	IA 2-1-E	ME 6-4-A	NC 6-4-B
DE 8-4-E	ID 4-4-C	KY 4-2-B	MD 30-8-C	WV 3-2-B

Industry 2035, Pickles, Sauces and Salad Dressings													
U.S....	376	156	22.0	371.5	17.4	33.3	260.8	1,736.9	2,532.7	4,268.8	67.5	23.5	986.5
CA....	59	24	3.3	58.7	2.7	4.9	42.8	247.8	368.3	615.9	8.6	3.3	190.2
GA....	9	6	1.5	25.8	1.1	2.2	16.2	117.3	192.8	311.0	2.9	1.6	74.3
IL....	20	8	2.1	70.5	2.5	4.7	53.0	381.9	650.2	1,032.1	9.0	3.1	146.6
LA....	8	4	.5	6.2	.3	.7	3.0	32.3	28.6	61.6	.7	.4	19.5
MA....	19	4	3	4.3	.3	.5	3.0	26.9	34.2	61.0	1.0	.3	16.1
MI....	32	16	1.9	24.9	1.7	3.4	20.3	121.4	107.3	228.1	4.7	2.1	66.4
MN....	5	2	.2	3.1	.1	.3	1.5	5.8	17.1	22.8	.3	A	(D)
NJ....	11	5	.7	14.9	.5	1.0	9.7	68.1	103.9	171.2	7.9	.8	53.6
NC....	5	4	.6	9.3	.4	1.0	5.3	25.7	24.9	50.6	2.0	.9	22.7
OH....	18	4	.4	5.5	.4	.6	4.1	29.4	32.7	62.0	(D)	.6	18.5
OR....	7	5	.3	4.5	.3	.4	3.3	12.4	19.5	32.0	(D)	A	(D)
TN....	6	3	.2	3.2	.2	.4	1.8	10.4	18.2	28.6	.4	.2	6.1
WI....	12	10	1.0	15.6	.8	1.5	9.9	51.5	73.3	124.6	(D)	1.4	36.5

OTHER STATES - Limited data available, see notes at bottom of page.

AL 4-3-B	CO 5-3-C	IN 6-4-C	KY 2-2-B	MS 2-2-B	NY 41-7-C	TX 15-5-E
AR 3-1-A	DE 3-3-B	KS 4-2-A	MD 8-6-C	MO 9-3-C	PA 14-4-E	

Industry 2037 Frozen Fruits and Vegetables													
U.S....	264	199	47.7	643.5	41.5	77.1	506.7	2,408.6	2,970.1	5,374.6	235.7	46.8	1,322.5
AR....	3	3	.2	1.9	.2	.3	1.4	4.5	7.0	11.6	.2	n.a.	n.a.
CA....	35	25	8.6	111.9	7.9	13.6	96.3	329.8	328.7	658.3	16.4	10.0	240.1
FL....	34	26	6.4	85.1	5.0	10.6	60.6	576.4	1,085.4	1,661.1	52.3	6.7	373.6
ID....	9	9	5.0	73.4	4.1	7.7	54.8	248.4	243.7	492.1	18.2	6.5	90.7
IL....	6	5	.6	10.0	.5	1.1	7.6	35.7	36.7	72.4	1.6	C	(D)
ME....	12	10	2.1	23.1	1.9	3.4	18.8	55.4	72.1	127.0	5.3	1.7	20.4
MI....	17	12	1.3	19.7	1.0	1.8	12.7	75.3	82.3	157.7	14.5	1.7	48.4
MN....	5	5	1.5	18.6	1.4	2.4	13.0	67.2	64.3	131.5	3.0	.9	8.5
NJ....	4	3	.3	4.3	.3	.5	3.3	11.7	20.7	32.4	1.0	C	(D)
NY....	10	8	1.1	14.9	1.0	2.0	12.1	54.1	82.0	136.7	3.9	1.2	41.1
OR....	29	21	7.7	102.7	7.0	11.9	86.1	341.3	323.9	659.4	38.8	6.3	146.3
WA....	37	29	6.2	98.4	5.6	11.2	8.7	341.5	323.4	666.8	23.0	5.7	163.9
WI....	7	5	1.2	17.8	1.1	2.0	14.2	79.8	55.7	134.6	(D)	A	(D)

OTHER STATES - Limited data available, see notes at bottom of page.

GA 4-2-E	IA 2-2-A	NE 2-2-B	OK 2-1-B	TN 2-2-C
IN 2-2-A	MD 3-3-B	ND 2-1-A	PA 8-7-C	TX 6-4-C

OTHER STATES - (1982 Census data is limited) First figure indicates total establishments in state; second figure establishments with 20 or more employees; letter indicates employment size range - A represents a range of 150-249, B 250-499, C 500-999, E 1,000-2,499, F 2,500 employees or more. (D) Withheld to avoid disclosure. See additional notes at end of this Table 2.

CENSUS REPORT—SELECTED STATES—1982 & 1977 TABLE 2 Continued

1982												1977	
State	Establishments		All Employees		Production Workers			Value added by manufacture	Cost of materials	Value of Production	New Capital expenditures	All employees	Value added by manufacture
	Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages						
	(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	number (1,000)	(million dollars)
Industry 2038, Frozen Specialties													
U.S....	389	251	42.4	650.7	32.6	63.1	428.5	2,066.2	2,966.5	5,033.9	160.5	41.0	1,217.7
AR....	3	3	2.1	28.0	1.9	3.7	23.3	69.3	155.9	224.6	6.2	2.7	66.9
CA....	46	30	3.9	56.4	3.2	6.2	40.3	128.0	292.8	420.8	10.0	4.3	119.5
CT....	8	6	.9	11.4	.7	1.4	7.7	57.2	56.9	114.1	(D)	B	(D)
FL....	15	5	.3	3.9	.3	.6	3.0	9.2	9.6	18.8	.4	.3	5.9
GA....	5	5	.8	14.8	.5	.8	6.5	50.1	35.6	85.7	6.9	.8	28.0
IL....	37	24	2.9	54.0	1.9	3.8	25.7	148.1	157.7	305.9	9.6	3.0	121.1
IN....	8	5	.8	12.2	.6	1.2	7.5	42.5	39.6	82.1	(D)	.5	14.0
MN....	17	10	2.1	32.5	1.6	2.9	21.9	106.7	137.3	244.3	7.2	2.5	101.3
NY....	23	16	1.9	30.0	1.4	2.7	19.1	73.8	100.3	174.3	8.3	1.5	38.7
OH....	40	19	2.3	41.2	1.6	3.2	21.5	216.1	211.0	426.3	25.3	2.4	137.6
OK....	4	3	.7	10.3	.6	1.2	8.2	35.4	38.4	73.8	1.6	.8	22.7
OR....	6	4	.4	9.2	.2	.4	2.7	29.0	24.9	53.9	6.1	.6	16.5
PA....	32	24	2.9	44.8	2.3	4.0	29.3	160.2	177.1	337.2	7.3	F	(D)
TX....	8	7	1.4	22.6	1.0	1.9	13.7	82.0	104.7	186.6	1.7	C	(D)
TN....	17	10	1.3	21.5	.9	1.8	12.2	48.3	67.5	118.0	3.3	.8	14.7
VA....	5	4	1.7	24.6	1.2	2.3	15.1	56.8	86.4	143.2	(D)	E	(D)
WI....	16	8	1.6	27.5	1.1	2.0	14.4	71.6	73.8	145.3	7.3	1.5	37.3

OTHER STATES - Limited data available, see notes at bottom of page.

DE 2-1-A	KS 1-1-E	MD 4-3-C	IA 3-2-C	MS 2-1-B	NE 4-3-C	SC 2-2-E
IA 3-2-C	LA 2-1-B	MA ¹ 12-5-A	MI 14-9-E	MO 16-13-E	OH 16-12-F	UT 2-2-C

Industry 2034, Dehydrated Fruits, Vegetables and Soups

U.S....	151	85	13.6	216.9	11.2	19.1	156.2	790.1	985.0	1,745.1	51.7	14.4	485.9
CA....	79	49	7.9	128.2	6.4	11.2	92.7	440.4	663.0	1,069.6	32.6	6.6	252.7
CT....	1	1	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	n.a.
ID....	10	9	2.6	35.1	2.2	3.0	26.4	108.7	115.7	226.8	7.5	3.1	68.9
IL....	6	5	.6	11.4	.4	.9	6.4	36.2	31.8	68.1	.8	C	(D)
NJ....	5	3	C	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	C	(D)
WA....	7	6	.5	7.7	.4	.8	5.5	18.5	30.5	49.7	1.9	.7	24.3
WI....	1	1	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	B	(D)

Industry 2091, Canned and Cured Seafoods

U.S....	204	107	13.9	194.9	12.1	21.1	150.6	613.4	1,235.3	1,849.1	20.5	16.0	441.0
AK....	33	21	E	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.0	73.6
CA....	14	9	6.6	106.2	5.6	11.0	80.7	423.7	723.4	1,147.0	8.6	7.1	213.8
DE ¹	3	3	4	4.3	.3	.6	2.9	19.6	36.8	55.9	1.1	B	(D)
HI....	3	1	B	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	B	(D)
IL....	3	3	2	2.4	.1	.3	1.7	5.0	12.2	17.3	.4	.3	5.7
LA....	15	9	.5	5.0	.4	.7	3.2	10.3	61.4	72.0	(D)	.5	11.0
ME....	18	14	1.0	9.1	.9	1.3	7.4	31.9	36.9	68.8	1.7	1.2	25.1
NJ....	9	4	.4	4.3	.3	.5	2.9	10.7	18.8	29.5	1.4	.4	11.0
NY....	10	5	.3	5.1	.2	.5	3.8	10.6	40.3	50.8	.4	.5	18.4
NC ¹	6	4	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	n.a.
OR....	9	4	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	n.a.
VA....	5	3	.2	.9	.2	.2	.7	2.7	4.2	6.8	(D)	n.a.	n.a.
WA ¹	37	18	1.6	18.0	1.4	1.9	15.3	38.3	94.7	133.0	2.1	1.6	37.4

Industry 2092, Fresh or Frozen Packaged Fish

U.S....	783	433	37.5	408.6	32.5	55.5	303.8	966.7	3,040.0	4,009.1	62.2	34.3	700.9
AL....	22	14	1.1	9.8	1.0	1.7	6.9	14.7	99.5	114.2	(D)	C	(D)
AK ¹	66	39	3.5	51.9	3.2	5.4	42.6	132.3	334.2	464.9	12.2	3.0	101.0
CA ²	54	33	3.5	36.7	3.1	5.2	28.5	99.1	246.1	345.5	5.6	2.5	60.6
DE ¹	2	2	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	n.a.
FL....	75	37	5.2	52.7	4.7	8.7	38.2	144.4	383.5	528.6	8.4	4.6	63.4
GA....	13	7	1.5	13.4	1.3	2.5	8.7	20.0	82.5	72.4	3.3	E	(D)
LA ¹	48	19	1.2	9.8	1.1	2.0	7.8	19.2	83.2	102.3	1.1	1.5	24.7
ME ¹	20	7	.7	7.3	.6	.9	5.8	7.1	48.1	55.2	(D)	C	(D)
MD....	41	18	1.5	14.3	1.1	1.9	9.2	26.1	174.3	200.4	1.4	2.2	39.8
MA ¹	74	48	4.2	61.5	3.5	6.3	43.3	137.1	508.2	642.2	5.5	F	(D)
MN....	8	2	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	n.a.
MS....	20	14	1.5	15.1	1.3	2.5	10.6	39.7	130.5	170.2	4.6	.7	15.6
NH....	5	1	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	B	(D)
NJ....	11	4	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	C	(D)
NY....	16	4	.3	5.0	.3	.5	4.1	12.5	28.1	41.2	.4	.4	10.2
NC....	28	19	.9	7.0	.8	1.3	5.9	15.0	39.8	54.9	(D)	.7	13.0
OH ¹	7	1	A	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	B	(D)
OR ¹	23	17	1.1	11.1	1.0	1.5	9.5	21.8	55.3	77.2	.6	1.5	23.2
PA....	12	7	1.2	16.2	.9	1.6	10.7	64.5	173.3	237.9	1.7	C	(D)
RI....	13	7	.4	4.8	.4	.6	3.8	9.1	22.1	31.1	(D)	B	(D)
SC....	10	5	.5	4.1	.4	.6	2.8	9.1	17.2	26.3	(D)	B	(D)
TX....	24	15	1.2	10.8	1.0	1.9	8.3	27.8	128.3	158.6	1.5	1.3	14.5
VA....	86	59	3.7	23.7	3.3	4.7	19.0	42.2	115.6	157.7	2.0	3.3	40.9
WA....	73	42	2.7	32.6	2.4	3.8	25.0	75.9	276.3	355.4	8.1	2.1	81.4
WI....	10	5	.3	2.8	.2	.3	1.7	6.1	14.7	20.8	.1	.2	3.5

OTHER STATES - (1982 Census data is limited) First figure indicates total establishments in state; second figure establishments with 20 or more employees; letter indicates employment size range - A represents a range of 150-249, B 250-499, C 500-999, E 1,000-2,499, F 2,500 employees or more. (D) Withheld to avoid disclosure. ¹Denotes 10-19 percent of data estimated (based on administrative records). ²20-29%. ³30-39%. ⁴40-49%. ⁵50-59%. ⁶90% or more. ⁷Value of shipments.

CENSUS REPORT—Continued

VALUE OF PRODUCTION OF SPECIFIED PRODUCTS BY ALL PRODUCERS*

(Source: Census Table 6c—millions of dollars)

Code	Product Class	1958	1963	1966 ¹	1967	1972	1977	1981 ¹	1982
2032	Canned specialties	827.6	916.6	1,165.9	1,190.7	1,629.9	2,429.0	3,169.9	3,484.6
20321	Canned baby foods								
	(except cereal, biscuits, & meat)	185.2	230.8	237.5	246.3	346.7	401.3	556.2	596.4
20323	Canned dry beans	166.9	200.3	255.9	246.1	305.8	556.5	684.4	735.3
20322	Canned soups (not frozen or seafood):								
20324	Canned specialties and								
20320	Nationality foods n.s.k.	475.5	515.5	672.5	698.3	977.4	1,471.2	1,929.3	2,152.8
2033	Canned fruits and veg.	2,191.5	2,583.8	3,022.1	3,222.3	3,922.9	6,621.4	9,064.9	9,255.2
20331	Canned fruits (except baby foods)	639.7	721.7	823.8	818.3	828.6	1,289.3	1,759.3	1,590.6
20332	Canned veg. (except								
	hominy and mushrooms)	638.6	767.6	882.8	957.5	1,067.1	1,650.9	1,967.2	2,047.2
20333	Canned hominy and mushrooms	34.8	39.0	43.5	51.6	98.2	149.8	163.4	139.0
20334	Canned fruit juices,								
	nectars, and concentrates	294.2	380.5	443.6	413.5	709.2	1,223.4	2,198.7	2,062.1
20335	Canned veg. juices	93.3	91.1	94.8	104.2	155.7	251.8	293.8	270.3
20336	Catsup and other tomato sauces	245.6	297.9	449.8	507.7	603.3	1,350.0	1,849.4	2,174.4
20338	Jams, jellies, and preserves	197.9	227.3	250.9	245.2	280.3	396.9	609.4	603.0
20330	Canned fruits and veg., n.s.k.	47.4	58.5	(32.8)	124.3	180.5	309.2	223.7	398.7
2034	Dehydrated fruits, vegetables								
	and soup mixes ²	276.8	334.9	434.6	450.9	625.6	1,200.2	1,722.9	1,749.2
20341	Dried & dehydr. fruits and veg.,								
	(incl. freeze dry) except soup ³	(NA)	284.5	365.6	344.9	466.2	898.6	1,397.8	1,324.5
20342	Soup mixes, dried & dehydr. ³	(NA)	44.5	64.1	76.4	126.7	224.7	259.9	332.8
20340	Dehydrated food products, n.s.k. ³	(NA)	5.9	(4.9)	29.6	32.7	76.9	65.2	91.9
2035	Pickles, sauces, & salad dr.	196.1	619.0	767.7	792.9	1,165.1	2,242.8	3,277.6	3,252.7
20352	Pickles and other pickled products	170.1	228.1	261.0	260.6	362.5	553.2	745.1	694.5
20353	Meat sauces (except tomato)	67.6	94.4	111.4	98.5	151.3	261.6	430.6	540.0
20354	Mayonnaise, salad dressings								
	and sandwich spreads	240.5	278.6	386.9	373.9	576.0	1,292.3	1,930.5	1,815.4
20350	Pickles, sauces, and								
	salad dressings, n.s.k.	17.9	(18.0)	(8.3)	59.9	75.3	135.7	171.4	202.7
2037	Frozen Fruits & vegetables	589.2	932.3	986.2	999.1	1,648.7	3,047.2	4,491.7	5,062.0
20371	Frozen fruits, juices & ades	358.0	436.3	421.4	419.5	733.6	1,153.5	1,707.3	1,860.4
20372	Frozen vegetables	231.2	396.0	564.8	579.9	915.1	1,797.9	2,647.2	3,089.7
20370	Frozen fruits & veg., n.s.k.	5	5	5	5	5	95.8	137.2	111.9
2038	Frozen Specialties	327.1	628.6	856.1	1,021.3	1,712.6	2,911.9	4,106.8	4,417.2
20381	Frozen pies & other frozen baked goods								
20382	Frozen dinners, beef, pork								
	Nationality foods, etc.	318.8	608.1	837.5	889.4	387.5	770.3	1,060.5	1,282.5
20383	Other frozen specialties								
20380	Frozen specialties, n.s.k.	8.6	20.5	(18.6)	131.9	160.6	125.7	181.9	143.8
2091	Canned and cured seafood,								
	incl. soup (except frozen)	367.0	384.4	470.3	421.1	587.7	1,025.5	1,420.3	1,267.1
	Canned seafood	(NA)	331.3	(NA)	386.7	560.2	954.1	n.a.	n.a.
	Cured seafood	(NA)	53.2	(NA)	34.4	27.5	71.5	n.a.	n.a.
2092	Fresh or frozen packaged fish (seafood) ...	274.1	362.8	445.1	529.7	1,016.8	2,459.2	3,293.0	3,714.0
	Prepared fresh fish & seafood	(NA)	76.6	(NA)	66.6	135.2	460.5	807.0	578.3
	Frozen fish, excl. shellfish	(NA)	(NA)	(NA)	(NA)	314.7	744.4	997.1	1,033.9
	Frozen shellfish	(NA)	(NA)	(NA)	463.1	415.8	887.6	1,145.1	1,397.5
	Fresh or frozen packaged fish, n.s.k.	(NA)	(NA)	(NA)	(NA)	151.1	366.8	343.8	704.3
20118	Canned meats except animal or baby food								
20138	(20% or more meat) ³	(NA)	(NA)	(NA)	(NA)	1,106.2	1,256.3	1,597.1	1,548.6

*Represents value of specific products packed not only by plants classified in the specific industry but by plants classified in other industries as well. (NA) Not available. ¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufacturers. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. ²Value of shipments. ³Includes meat. ⁴Data for product class 20370, Frozen Fruits and Vegetables, n.s.k., are included with product class 20380, Frozen Specialties, n.s.k. As a result, total for industry 2037 is understated by approximately 5 percent.

⁵Includes small amount of cured n.s.k. ⁶Not directly comparable with earlier years. See text "Description of Industries". ⁷Includes small amount of Fresh n.s.k.

CENSUS REPORT—Continued

FUELS AND ELECTRIC ENERGY CONSUMED BY THE INDUSTRY 1977 AND 1981

Energy Source & Unit of Measure	2032		2033		2037		2038	
	1977	1981	1977	1981	1977	1981	1977	1981
Natural gas bil. cu. ft.	8.3	9.2	27.1	28.4	(S)	15.2	4.6	4.9
mil. dol.	16.0	33.5	52.5	111.1	(S)	61.0	7.8	15.8
Distillate fuel oil 1,000 bbl.	207.0	80.0	635.3	242.3	(S)	199.3	137.2	116.8
mil. dol.	3.3	2.9	10.2	7.7	(S)	6.6	2.3	4.3
Residual fuel oil 1,000 bbl.	776.8	260.9	1,011.6	889.5	(S)	655.9	(D)	94.6
mil. dol.	11.2	8.2	13.8	24.2	(S)	17.4	(D)	2.5
Coal* 1,000 s. tons	84.1	(D)	(D)	-----	-----	-----	-----	-----
mil. dol.	3.2	(D)	(D)	-----	-----	-----	-----	-----
Other fuels** mil. dol.	(D)	5.1	(D)	8.6	(S)	5.8	1.9	(D)
Total purch. fuels trillion Btu	17.2	16.2	42.9	38.2	27.1	22.5	8.0	7.0
mil. dol.	34.7	54.6	85.7	151.5	52.7	90.9	14.7	25.5
Elec. energy purch. mil. kwh.	490.2	459.5	1,306.5	1,385.5	1,852.6	2,229.6	1,151.9	1,136.0
mil. dol.	13.3	21.3	37.9	69.3	39.3	78.8	30.5	50.0
Total purch. energy trillion Btu	18.9	17.8	47.4	42.9	33.4	30.2	11.9	10.9
mil. dol.	48.0	75.9	123.6	220.7	92.0	169.7	45.2	76.4

FUELS AND ELECTRIC ENERGY CONSUMED—Continued

Energy Source & Unit of Measure	2034		2035		2091		2092	
	1977	1981	1977	1981	1977	1981	1977	1981
Natural gas bil. cu. ft.	9.9	(S)	3.7	3.2	1.1	.9	.5	.6
mil. dol.	18.5	(S)	6.6	12.2	2.0	3.6	1.1	2.9
Distillate fuel oil 1,000 bbl.	137.8	(S)	104.6	19.5	83.3	57.4	162.0	183.4
mil. dol.	1.9	(S)	1.7	.7	1.7	2.2	3.0	7.4
Residual fuel oil 1,000 bbl.	(D)	(S)	175.2	125.2	51.0	103.4	20.1	33.1
mil. dol.	(D)	(S)	2.6	3.7	.8	3.0	.3	.9
Coal* 1,000 s. tons	(D)	-----	-----	(D)	-----	-----	-----	-----
mil. dol.	(D)	-----	-----	(D)	-----	-----	-----	-----
Other fuels** mil. dol.	3.0	(D)	1.8	3.7	3.1	2.6	3.8	8.6
Total purch. fuels trillion Btu	13.4	(D)	6.6	(D)	3.5	3.5	3.7	4.6
mil. dol.	24.7	(D)*	12.9	(D)*	7.5	14.4	8.2	19.9
Elec. energy purch. mil. kwh.	512.9	(D)	365.8	(D)	200.0	218.2	430.0	490.3
mil. dol.	10.4	(D)*	10.5	(D)*	5.8	12.9	12.0	27.0
Total purch. energy trillion Btu	15.1	(D)	7.9	(D)	4.2	4.3	5.2	6.2
mil. dol.	35.1	(D)	23.5	(D)	13.3	27.3	20.2	46.9

*In 1981 123 thousand tons (4.8 million dollars) total for 203 group. **Other fuels include coke, purchased steam, liquified petroleum gases, gasoline, and small amounts of miscellaneous fuels. (D) Withheld to avoid disclosing figures for individual companies. (S) Withheld because the estimate did not meet Census publication standards.
Source: "Fuels and Electric Energy Consumed," 1977 Census of Manufacturers, Bureau of the Census, MC77-SR-4 (Part 1)(Revised), and 1982 Census, MC82-S-4 (Part 1).

THE ALMANAC

OF THE CANNING, FREEZING, PRESERVING INDUSTRIES

Section IX

INTERNATIONAL TRADE AND WORLD PACKS

CANNED, FROZEN AND PRESERVED FOODS

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U.S. EXPORTS CANNED AND FROZEN FOODS

Source: Bureau of the Census, U.S. Department of Commerce

Courtesy & Cooperation. National Food Processors Assn. and Foreign Agriculture Service, U.S.D.A.

	1982		1983		1984		1985		1986	
	1,000 Gallons	Value \$1,000	1,000 Gallons	Value \$1,000	1,000 Gallons	Value \$1,000	1,000 Gallons	Value \$1,000	1,000 Gallons	Value \$1,000
FRUIT JUICES										
Not Concentrated:										
Grapefruit.....	3,196	6,693	2,710	5,237	1,713	3,872	1,568	3,447	1,621	3,830
Orange.....	7,783	15,601	6,358	13,536	5,126	11,724	6,342	12,009	3,481	7,186
Other Citrus & citrus mix.....	2,689	3,850	1,785	2,941	1,647	2,671	3,589	5,115	1,258	1,959
Grape.....	3,399	3,823	3,159	2,960	2,050	1,925	1,454	1,881	2,465	2,330
Pineapple.....	3,210	6,381	3,078	5,250	2,629	6,194	2,141	5,819	1,916	4,570
Other.....	7,647	14,169	7,227	14,009	5,386	11,949	5,038	11,319	6,416	14,672
Total Not Conc.	27,924	50,517	24,317	43,933	18,551	38,335	20,132	39,590	17,157	34,546
Frozen Concentrate: (s.s. basis)										
Grapefruit.....	12,961	16,807	10,286	13,045	12,325	18,148	10,386	18,470	8,963	15,584
Orange, containers less than 32 oz....	28,062	58,170	26,754	53,464	23,518	56,246	18,977	38,460	12,569	22,266
Orange, containers 32 oz.-1 gal....	8,220	13,271	7,951	12,986	7,203	13,228	6,719	12,810	6,605	10,585
Orange, containers more than 1 gal....	25,423	30,640	36,829	40,160	31,802	41,370	19,448	28,893	20,176	22,352
Other citrus.....	13,733	14,726	15,220	14,553	13,838	13,902	10,286	10,036	3,809	4,448
Grape.....	3,185	5,837	3,686	7,032	2,255	3,457	1,252	2,030	1,934	3,477
Pineapple.....	4,884	6,805	5,480	7,713	4,811	7,378	4,824	7,425	3,302	5,795
Other.....										
Total Froz. Conc.	96,468	146,256	106,206	148,953	95,752	153,729	71,892	118,124	57,358	84,507
Concentrate, not frozen (hot pack): (s.s. basis)										
Grapefruit.....	1,565	2,402	1,364	2,126	1,491	2,899	1,534	2,614	2,266	4,425
Orange.....	6,697	9,537	5,585	8,116	4,556	6,616	3,427	5,559	3,585	5,012
Other citrus & citrus mix.....	2,066	2,923	1,908	2,250	1,976	1,930	2,907	3,653	2,675	2,767
Grape.....	3,523	6,132	2,495	3,802	3,868	5,666	3,925	6,661	3,492	5,987
Pineapple.....	963	784	992	1,001	714	653	710	915	794	1,157
Other.....	14,061	11,812	12,126	9,374	12,259	9,976	14,235	11,874	9,747	10,219
Total Conc. not frozen.....	28,875	33,590	24,470	26,669	24,864	27,740	26,738	31,276	22,558	29,567
VEGETABLE JUICES										
Tomato.....	3,116	5,554	1,973	4,279	1,490	3,479	1,274	2,598	1,581	3,051
Other veg. juices....	982	2,030	1,213	2,096	1,066	1,988	651	1,395	855	2,188

	1982		1983		1984		1985		1986	
	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000
CANNED VEGETABLES										
Asparagus.....	2,695	2,272	2,366	1,623	2,133	2,235	1,562	1,641	1,399	1,419
Beans, dry.....	7,035	2,105	8,195	2,649	7,096	2,441	6,553	2,110	7,059	2,143
Beans, other.....	25,122	9,869	15,634	6,834	15,914	6,915	15,238	6,700	17,226	7,675
Corn.....	137,173	52,053	145,566	52,513	126,156	47,119	134,592	46,150	168,884	55,936
Peas.....	6,288	2,015	5,201	1,468	4,232	1,464	3,176	1,148	3,451	1,050
Mushrooms.....	257	233	295	230	634	453	556	424	552	351
Tomatoes.....	19,978	5,332	13,991	4,218	11,951	3,346	15,939	2,999	13,907	2,555
Tomato pulp.....	1,301	478	864	323	757	276	1,400	489	812	291
Tomato paste.....	22,556	11,412	23,964	11,175	21,203	9,099	15,691	5,872	17,234	6,648
Tomato sauce.....	6,315	2,432	6,701	2,551	5,895	2,156	4,723	1,623	6,187	2,155
Catsup & chili sauce	27,573	10,757	23,449	9,835	20,372	8,473	18,083	6,584	18,902	7,594
Other canned vgs.	42,989	19,880	29,852	13,411	25,131	12,049	22,499	10,939	17,020	7,940
Veg. baby food....	7,672	3,118	6,213	2,683	5,137	1,199	3,868	1,787	3,990	1,776
Total canned veg.	306,954	121,957	282,291	109,513	246,611	98,325	243,880	88,466	276,623	97,533
PICKLED VEGETABLES										
Cucumbers.....	9,052	2,499	8,829	2,526	11,073	2,909	12,632	3,197	23,482	3,768
Other pickled vgs.	4,617	2,555	2,433	1,211	1,808	816	1,646	852	1,905	1,121
FROZEN VEGETABLES										
Carrots.....	12,085	3,087	6,631	1,726	8,259	2,298	5,529	1,527	5,984	1,757
Corn.....	73,493	24,254	82,349	25,871	77,380	23,013	75,975	22,118	97,530	28,525
Peas.....	19,886	5,487	19,729	5,137	20,148	5,563	15,986	4,498	26,163	7,092
Potatoes, F.F.....	95,302	32,948	106,051	37,006	123,134	40,323	127,697	41,392	171,756	54,231
Potatoes, other....	14,417	4,969	15,302	4,788	17,300	6,742	18,131	5,936	23,310	9,869
Other froz. vgs....	45,305	20,550	44,204	18,470	41,813	17,909	37,034	16,844	46,908	20,771
Total Froz. Veg.	260,488	91,295	274,266	92,998	288,034	95,848	280,352	92,315	371,652	122,244

U.S. EXPORTS CANNED AND FROZEN FOODS—Continued

	1982		1983		1984		1985		1986	
	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000
CANNED MEATS										
Poultry.....	7,619	3,982	2,278	1,894	1,147	1,936	1,259	1,721	738	1,093
Sausages.....	2,248	2,381	2,804	2,859	1,953	2,108	1,628	1,678	1,627	1,665
Pork (not sausage).....	2,841	3,541	1,532	2,098	1,130	1,406	1,407	1,835	768	862
Beef and veal.....	6,676	5,156	3,491	3,175	4,269	3,130	2,499	2,387	2,018	1,870
Other can meats.....	2,128	2,765	1,164	1,492	1,704	1,965	804	984	1,085	1,202
Total Can Meats.....	21,512	17,825	11,269	11,518	10,203	10,545	7,597	8,605	6,237	6,692
SOUPS										
Soup, dried/dehyd.....	4,685	4,561	2,331	3,302	2,412	3,419	3,545	4,132	5,808	4,102
Soup, other.....	27,379	11,918	25,053	11,366	24,305	12,013	21,644	10,908	24,862	11,725
CANNED FRUITS										
Apricots.....	2,454	1,207	1,692	717	876	528	860	685	710	369
Cherries, marasch.....	4,175	3,013	3,520	2,693	3,971	2,968	3,577	2,714	5,751	4,344
Cherries, sweet.....	3,631	2,306	3,923	2,388	3,433	2,437	3,756	2,370	4,938	3,652
Cherries, tart.....	4,242	1,837	1,560	670	779	568	1,110	609	660	428
Berries.....	3,604	1,784	3,930	1,930	3,018	1,638	1,987	1,052	3,792	1,274
Grapefruit.....	2,261	865	2,130	707	4,036	930	684	298	4,613	1,929
Other citrus & citrus mix.....	5,395	2,821	5,586	3,463	5,358	3,416	4,247	2,643	3,346	1,902
Olives, canned.....	3,583	2,658	2,671	2,048	2,229	1,605	2,546	1,766	2,283	1,750
Olives, other.....	915	707	1,180	702	1,046	713	1,007	635	943	637
Peaches.....	81,993	27,682	57,810	20,234	29,372	12,150	22,226	8,907	39,440	14,321
Pears.....	5,621	2,215	4,172	1,748	2,509	1,059	1,769	922	2,552	1,078
Pineapple.....	26,834	9,242	26,558	10,219	28,095	12,512	16,161	6,225	22,203	8,013
Other can fruits.....	11,511	6,155	16,374	9,451	13,979	6,904	11,111	4,499	13,026	6,723
Mix., non-citrus.....	87,875	37,279	68,322	29,246	47,679	21,276	36,808	16,734	41,322	18,912
Total Can Fruits.....	244,095	99,771	199,428	86,216	146,380	68,704	107,849	50,059	145,580	65,331
Baby food fruits.....	13,703	6,793	12,973	6,633	13,111	6,450	13,887	6,323	7,567	3,379
Other fruit pastes & pulps.....	20,024	7,919	15,405	5,483	13,311	5,521	15,161	6,060	19,064	6,618
Jams, marmalade, and fruit butter.....	8,021	5,733	6,348	4,979	5,138	3,851	4,770	3,711	4,598	3,389
FROZEN FRUITS										
Blueberries.....	20,110	6,973	5,841	2,294	8,983	3,422	5,071	1,786	8,167	2,448
Strawberries.....	7,127	4,778	5,886	3,480	6,239	3,371	6,632	3,222	8,462	4,978
Other froz. berries.....	10,384	4,731	8,002	3,536	6,532	3,043	5,707	2,377	7,868	3,124
Cherries, sweet.....	5,184	2,953	5,150	2,629	2,924	1,662	1,326	714	2,162	1,885
Cherries, tart.....	1,867	644	346	199	469	232	414	132	971	390
Other froz. fruits.....	8,982	3,507	3,527	1,554	5,357	2,500	6,360	2,761	6,338	2,710
Tot. Froz. Fruits.....	53,653	23,586	28,752	13,692	30,504	14,250	25,510	10,992	33,963	15,535
FRESH & FROZEN FISH FILLETS, STEAKS AND PORTIONS										
Cod.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	9,546	12,669
Salmon.....	1,771	3,167	976	1,528	2,808	5,572	956	2,037	3,086	6,064
Herring.....	11,380	6,668	4,702	3,666	614	537	1,880	1,722	5,455	4,045
Other.....	37,387	37,982	21,264	25,674	20,430	26,672	17,492	24,598	22,992	35,108
Sticks & portions.....	4,180	5,130	3,386	4,301	2,914	3,812	2,085	2,643	2,414	3,210
Balls, cakes, etc.....	207	340	976	1,095	438	466	227	298	1,080	1,513
CANNED FISH										
Salmon, chum.....	6,314	7,366	5,004	6,067	2,797	3,477	2,551	3,115	1,676	2,002
Salmon, pink.....	20,804	28,048	22,145	31,532	20,825	29,683	19,831	27,463	38,611	52,599
Salmon, sockeye.....	10,241	23,887	21,962	50,315	23,238	50,050	24,105	49,386	14,372	38,225
Salmon, other.....	3,797	6,582	5,377	9,080	2,103	3,581	1,753	3,095	4,775	8,409
Sardines.....	1,049	871	1,013	690	889	584	529	424	271	321
Other.....	11,146	10,080	9,102	7,467	6,777	7,262	3,623	4,400	5,304	6,897
Fish balls, cakes, puddings, pastes, and sauces.....	1,202	1,058	384	495	514	810	2,248	1,698	3,047	2,907
Total Can Fish.....	54,553	77,892	64,987	105,646	57,143	95,447	54,640	89,581	68,056	111,360
CANNED SHELLFISH										
Abalone.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	139	851	999	9,658
King crab.....	201	677	65	253	84	288	141	651	50	117
Shrimp.....	3,002	8,559	3,749	10,520	2,712	8,040	1,564	4,261	1,964	5,519
Squid.....	10,223	4,085	683	379	460	150	1,838	817	7,815	3,116
Other, inc. shellfish juices.....	1,103	2,513	1,133	2,699	611	2,186	208	312	706	2,479
Tot Can Shellfish.....	14,529	15,834	5,630	13,851	3,867	10,664	3,890	6,892	11,534	20,889

U.S. EXPORTS CANNED AND FROZEN FOODS—Continued

	1982		1983		1984		1985		1986	
	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000
FRESH & FROZEN SHELLFISH										
King Crab.....	5,119	26,802	1,165	8,424	2,012	11,340	2,316	10,479	3,966	24,487
Snow crab.....	22,169	63,343	16,157	37,843	14,614	28,561	22,271	37,164	31,420	73,571
Lobsters.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1,501	5,296	2,602	8,990
Shrimp (fresh)...	5,503	15,784	4,707	14,728	2,656	6,914	2,004	5,783	4,105	12,803
Shrimp (frozen)...	10,048	34,568	13,747	53,641	10,870	36,618	13,003	42,374	15,938	56,316
Squid.....	20,170	13,252	8,866	7,847	4,716	4,494	7,003	4,746	14,374	11,811
Other.....	13,277	42,262	14,573	43,013	15,041	45,324	9,808	27,542	14,764	48,273
CANNED MILK										
Evaporated.....	18,418	8,204	8,829	2,526	7,254	3,697	9,756	5,048	5,038	2,728
Condensed.....	369	165	2,433	1,211	479	243	442	192	934	259

CONVERTING POUNDS TO APPROXIMATE CASES: FRUITS & VEGETABLES: To 24/303's divide by 24; to 24/2's divide by 30; to 24/2½'s divide by 45. To convert 1,000 gallons to cases of 12/46 oz. divide by 4.3125.
¹Fresh & Frozen beginning 1984.

U.S. IMPORTS OF CANNED & FROZEN FOODS

National Marine Fisheries Service, U.S. Department of Commerce
 USDA's Foreign Agricultural Service and National Food Processors Assn. Div. of Int. Trade

	1982		1983		1984		1985		1986	
	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000
FRUITS, Prep. or pres.										
Apples, Canned...	2,348	671	2,529	609	8,510	1,673	5,939	2,010	n.a.	n.a.
Apricots, Canned...	1,423	492	7,961	2,035	12,728	3,360	10,165	2,454	10,159	3,917
Blueberries, Froz...	4,402	3,514	9,097	6,979	10,693	6,130	10,216	5,876	10,113	5,647
Boysenberries, Froz.	2,544	582	2,048	465	1,142	407	3,009	1,606	4,598	2,692
Raspberries, Froz.	1,634	953	1,103	572	4,788	2,441	4,391	2,517	14,135	7,913
Strawbrs., Frozen										
Up to 40 oz.....	633	269	1,579	596	1,827	r618	2,326	r687	2,003	794
Strawbrs., Frozen										
Over 40 oz.	34,224	17,239	40,956	16,235	49,104	16,399	57,364	r15,686	48,745	16,255
Blueberries, Canned	193	177	212	191	312	217	357	276	552	429
Black Currants,										
Canned ¹	512	628	634	696	731	804	714	714	583	709
Raspberries, Can...	72	68	187	213	288	254	764	579	749	699
Strawbrs., Canned...	596	445	790	523	1,120	668	4,148	1,815	1,813	1,197
Cherries, In Brine...	989	675	1,318	829	r2,159	1,391	r3,588	2,208	7,123	4,834
Cherries, Canned...	427	416	522	513	r777	741	r1,532	942	2,412	1,868
Cherries, Frozen...			565	92			138	45	306	110
Figs, Canned.....	102	72	150	110	452	312	289	148	77	77
Grapefruit, Canned.	10,845	2,805	10,611	2,555	14,556	4,439	r20,063	6,545	32,812	9,695
Oranges, Mandarin.	65,292	28,834	79,992	33,902	97,082	39,654	98,990	36,690	95,389	39,401
Guavas.....	1,483	683	1,371	537	1,336	511	1,136	383	1,614	541
Mangoes.....	r2,720	r1,850	2,360	1,532	2,896	1,800	2,724	1,655	4,018	2,161
Olives, Ripe.....	4,232	2,663	2,451	1,556	3,079	1,903	3,237	1,651	3,950	2,257
Papayas.....	3,209	1,290	3,855	1,880	3,897	1,806	4,020	1,674	4,519	2,024
Peaches, Canned...	747	136	8,023	2,243	72,407	20,300	69,355	18,132	40,450	9,871
Pears, Canned...	60	40	140	55	5,532	1,609	40,366	12,071	12,577	3,410
Pineapple, Canned	427,804	118,911	404,913	114,676	418,096	120,827	526,627	148,960	553,187	153,048
Plums, Canned...	670	958	923	1,121	882	1,141	963	1,219	n.a.	n.a.
Fruit Mix, Tropical ²	9,348	3,138	1,262	487	9,316	3,017	12,186	4,655	9,284	3,672
Fruit Mix, Other...	10,656	3,200	14,108	3,238	30,088	9,511	49,839	16,618	35,422	10,270

r - revised. ¹Black currants, gooseberries, lingon or partridge berries and loganberries.
 containing apricots, citrus, peaches or pears.

²Mixtures not

U.S. IMPORTS OF CANNED & FROZEN FOODS—Continued

	1982		1983		1984		1985		1986	
	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000
JUICES (1,000 gallons s.s. basis)*										
Apple or Pear (not mixed)	103,758	92,334	149,295	112,056	167,860	122,276	214,441	136,949	227,524	192,145
Grape	1,799	2,333	2,713	2,179	7,064	688	7,815	792	8,048	6,526
Lime	1,054	1,446	322	286	806	570	548	578	1,542	1,321
Orange Conc.	396,072	320,169	364,769	293,501	558,118	595,527	581,427	695,388	547,041	385,996
Citrus, other	12,804	15,297	9,214	10,864	22,314	37,150	8,909	10,995	31,227	32,502
Pineapple	37,953	26,443	32,616	21,360	37,722	28,322	56,613	43,988	64,821	48,406
Prune Juice	842	925	1,449	1,565	1,063	1,154	1,740	1,636	1,610	1,410
Other Fruit	3,811	9,527	4,780	12,692	6,806	19,185	7,609	22,624	9,175	27,233
Vegetable	183	390	164	316	507	1,443	832	2,129	n.a.	n.a.
VEGETABLES, Prep. or pres.										
Artichokes, Brined	4,567	3,375	5,435	3,119	9,967	5,869	9,989	5,248	9,980	5,565
Artichokes, other	21,880	10,742	23,250	12,103	30,054	15,085	28,680	13,215	31,810	14,041
Asparagus	4,600	3,672	2,944	2,561	6,587	6,452	5,251	4,749	5,078	4,478
Beans ³	1,246	723	2,260	1,122	5,106	1,876	16,404	4,326	14,403	3,862
Broccoli, Frozen	31,870	9,670	33,552	10,964	65,405	21,288	77,149	25,666	117,151	34,495
Carrots, Canned	7,718	1,840	8,947	1,797	9,939	2,012	12,267	2,479	14,135	3,436
Cauliflower, Frozen	20,571	7,089	21,085	6,973	30,836	10,288	36,824	11,518	37,845	10,753
Chickpeas	897	396	1,373	490	2,177	554	1,410	469	3,500	310
Corn, Canned	5,204	2,060	8,587	3,616	10,117	4,083	11,307	4,378	14,583	5,236
Cucumbers, Brined	9,511	1,631	9,032	1,912	9,682	2,603	13,194	3,266	14,742	3,950
Mushrooms, Canned Up to 9 oz.	r31,519	r37,231	35,518	41,220	50,245	59,931	r50,317	58,991	54,519	55,456
Mushrooms, Canned Over 9 oz.	r66,054	r51,404	72,808	57,851	112,740	100,707	96,193	75,539	98,165	61,689
Mushrooms, Straw, Canned	2,978	2,926	3,702	3,244	5,120	4,057	7,256	6,829	6,425	5,500
Mushrooms, Frozen	896	865	975	949	951	1,031	1,568	1,658	2,581	2,972
Okra, Frozen	24,176	7,761	22,309	6,944	18,237	4,457	19,423	5,275	14,760	4,093
Onions, Brined	2,968	1,420	3,109	1,340	3,699	1,389	4,017	1,313	3,262	1,232
Onions, Canned	5,787	3,401	6,373	3,730	8,431	5,413	10,014	6,553	8,922	6,185
Peas ⁵	10,489	4,271	16,047	6,858	30,844	10,386	25,434	7,809	20,130	7,390
Peas, Frozen	16,345	7,840	15,450	6,656	22,262	10,681	16,374	6,729	17,547	9,088
Pimientos	12,801	7,915	12,879	5,318	17,036	6,858	16,849	7,284	21,826	9,840
Potatoes, Frozen	22,164	4,399	26,557	5,249	49,732	10,363	69,081	13,444	73,527	15,530
Potatoes, Dehyd.	44	26	135	68	364	173	2,826	1,537	1,194	529
Potatoes, Canned	1,344	324	1,138	291	1,822	389	1,152	309	1,965	578
Sauerkraut	978	249	984	237	1,465	371	1,672	352	1,730	448
Tomato Paste	198,029	74,575	160,742	52,666	151,045	45,729	111,400	28,298	130,625	32,518
Tomato Sauce (incl. pulp)	21,824	5,399	23,626	5,617	28,000	7,143	33,586	8,447	31,590	7,338
Tomatoes, Canned	167,018	32,905	186,709	40,026	233,567	49,919	220,028	41,566	197,559	36,304
CANNED FISH										
Anchovies in oil	4,247	10,958	3,757	8,112	4,876	10,946	5,011	11,304	5,641	16,531
Anchovies not in oil . . .	1,846	1,529	1,300	931	587	586	391	487	1,058	1,189
Herring in oil	92	114	251	308	256	295	294	291	190	225
Herring not in oil	5,402	8,289	5,572	9,092	4,244	6,386	5,582	8,275	5,707	9,390
Mackerel not in oil . . .	6,466	3,333	7,269	2,797	9,231	3,575	10,921	4,177	10,609	3,896
Salmon in oil	6	37	14	35	22	56	92	148	47	181
Salmon not in oil	152	557	264	1,459	529	2,433	1,866	5,842	4,575	12,974
Sardines in oil	14,119	19,139	17,151	21,245	17,535	23,403	23,009	26,996	22,949	28,520
Sardines not in oil	35,925	22,170	18,096	12,455	27,216	18,402	34,213	21,990	30,315	21,049
Tuna in oil	213	493	197	418	277	494	303	560	301	707
Tuna not in oil	87,366	112,853	122,132	136,906	162,036	166,774	213,645	208,578	236,320	227,919
Bonito & yellowtail, in oil	317	292	140	179	151	142	89	68	129	112
Bonito & yellowtail, not in oil	133	147	37	69	10	53	30	57	49	107
Antipastos in oil	786	759	609	582	937	871	699	420	364	517
Fish cakes, balls, puddings	7,414	11,347	12,400	18,161	17,406	23,953	19,321	24,396	12,919	18,997
Surimi structured Products	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	5,384	8,037
Fish paste & sauce	9,292	4,131	10,170	4,031	9,766	4,167	12,506	4,714	13,842	5,444
Pollock	30	49	192	485	2,224	3,373	14,224	18,368	9,383	13,497
Sturgeon/Roe	1,138	5,048	1,193	6,405	1,800	7,482	1,591	8,634	1,672	10,051
Other fish in oil	1,106	1,959	2,246	2,320	1,648	1,823	1,424	1,917	2,150	2,434
Other fish not in oil . . .	1,414	2,745	1,791	3,620	1,956	3,537	1,984	4,358	1,793	4,491
Total	177,464	205,949	204,781	229,610	262,707	278,751	347,195	351,580	365,397	386,268

* Includes concentrates converted to s.s. equivalent. salt, pickled or otherwise preserved, except dried.

³Green, wax, lima, dry. r - revised.

⁵Peas in brine packed in

U.S. IMPORTS OF CANNED & FROZEN FOODS—Continued

	1982		1983		1984		1985		1986	
	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000	1,000 Pounds	Value \$1,000
CANNED SHELLFISH										
Abalone ^a	2,176	14,686	2,889	12,792	2,611	10,791	2,816	14,722	2,579	15,460
Clam chowder, juice, etc.	45	12	3	5	15	19	26	24	175	82
Clams, other	7,846	8,591	7,391	8,296	7,791	8,625	9,765	8,732	13,622	9,631
Clams, razor	41	55	77	77	49	52	33	48	88	151
Crab meat, snow (inc. paste)	627	2,299	672	3,073	998	4,002	1,314	3,805	1,102	3,739
Crab meat, other (incl. paste)	5,110	14,030	5,833	17,566	5,235	15,995	6,270	18,142	7,676	20,236
Lobster, American	3,336	25,838	1,073	8,007	384	2,005	869	6,017	352	2,971
Lobster, spiny	50	227	131	628	18	96	56	364	37	194
Shrimp	5,332	10,551	13,176	25,499	13,580	26,409	17,088	32,163	15,757	29,406
Oysters & juice ..	22,427	26,459	21,599	24,827	23,047	26,198	29,928	30,176	32,050	32,311
Total	46,990	102,748	52,844	100,770	53,728	94,192	67,165	114,193	73,438	114,181
FRESH OR FROZEN FISH										
Analog Products (Surimi)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	33,654	48,160	34,312	58,487
Freshwater fish ..	24,759	21,493	24,352	21,706	24,177	25,328	21,616	22,189	22,195	24,691
Salmon	10,351	22,110	14,422	33,385	21,097	56,497	27,038	75,598	40,549	100,669
Tuna	558,542	360,719	505,180	245,007	493,795	281,380	478,781	266,335	563,797	298,847
Other Saltwater ..	148,409	81,919	161,261	87,981	195,208	111,060	255,330	158,043	275,883	213,718
Blocks	318,966	273,935	384,458	338,554	316,165	262,901	334,060	275,064	363,897	379,887
Fillets & steaks ..	440,916	544,046	439,716	557,515	473,594	606,551	536,725	713,861	538,532	826,791
sticks/similar prod.	1,660	1,706	1,824	2,061	2,355	2,838	925	1,247	1,568	2,022
Total (millions) ..	1,504	1,306	1,531	1,286	1,526	1,347	1,654	1,512	1,806	1,847
FRESH OR FROZ. SHELLFISH										
Scallops	20,860	73,012	34,280	158,665	27,270	117,296	42,035	147,070	47,916	192,558
Shrimp	268,537	969,682	328,253	1,198,023	328,916	1,189,941	342,818	1,120,749	384,349	1,404,931
Shell on	184,873	750,001	216,950	896,306	225,696	913,993	232,642	866,566	262,044	1,080,127
Peeled, Raw	64,889	166,984	81,562	218,186	75,662	205,038	77,532	173,298	91,843	221,263
Other	18,775	52,697	29,741	83,531	27,558	70,910	32,644	80,885	30,462	103,541
CANNED MEATS										
Beef sausages	8	18	2	3	61	43	32	55	0	0
Corned beef										
2 lbs. or less ...	55,490	59,933	79,375	80,940	76,289	73,088	78,354	69,289	56,887	53,893
over 2 lbs.	13,410	13,760	17,741	16,828	16,994	14,805	19,731	16,291	13,485	11,986
Beef, other										
2 lbs. or less ...	3,641	4,102	10,367	12,274	8,199	8,349	12,494	12,575	11,446	11,358
over 2 lbs.	10,668	12,389	22,739	25,531	26,021	27,342	31,095	37,031	16,631	17,012
Pork hams & shoulders										
less than 3 lbs. ...	9,172	14,767	12,138	17,797	13,381	16,631	17,998	22,694	15,918	21,440
3 lbs. and more ..	196,939	326,600	247,007	363,024	283,110	371,334	319,937	409,609	295,524	438,691
Bacon	417	477	2,012	2,136	3,045	3,093	2,702	3,210	3,280	4,870
Other canned pork.	6,945	7,362	216	188	14,448	12,125	13,867	11,442	12,887	12,292

^aMay include fresh or dried and canned paste and sauce.

LEADING U.S. EXPORT MARKETS AND PRODUCTS

U.S. EXPORTS TO SPECIFIED COUNTRIES

SOURCE: United States Department of Agriculture, Foreign Agricultural Service,
Horticultural and Tropical Products Division.

CANNED FRUITS

Basis 1,000 cases 24 no. 2½ cans (45 lbs.) Figures rounded - Calendar year

Country of Destination	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
APRICOTS, CANNED										
Canada	12	10	27	9	13	13	9	3	1	3
European Community	11	56	5	5	7	3	1	4	2	1
Other Western Europe	8	12	13	3	4	2	1	2	1	1
Asia	14	18	17	16	17	16	13	9	10	8
Oceania	6	13	5	3	2	1	.....	1	1	1
Other	1	.....	.....	14	16	20	14	1	4	1
Total	52	109	67	51	59	55	38	19	19	16
CHERRIES, CANNED¹										
Canada	66	62	59	27	27	26	44	11	12	34
Mexico	3	2	2	2	1	2	.....	1	.....	.....
European Community	223	215	90	296	49	68	21	1	5	4
Japan	20	29	50	48	49	41	33	34	29	33
Asia	11	23	24	16	14	13	16	41	56	49
Caribbean	1	6	10	4	3	4	4	.....	.....	.....
Other	6	18	22	18	18	21	4	5	5	4
Total	330	355	257	411	161	175	122	94	108	124
MIXED FRUIT, CANNED										
Canada	947	904	931	770	879	657	447	397	246	176
Latin America	73	105	90	130	73	79	57	68	70	86
Germany, Federal Rep.	70	58	120	351	264	132	84	1	.....	7
Netherlands	52	88	111	112	98	83	44	9	7	9
Other European Commty.	137	81	59	71	84	49	20	11	6	15
Other Western European	344	329	377	396	278	231	92	74	38	56
Asia	421	492	503	712	532	591	637	394	354	516
Caribbean	26	36	57	63	87	75	77	44	71	45
Other	25	28	35	37	156	56	60	61	26	8
Total	2,095	2,121	2,283	2,642	2,451	1,953	1,518	1,060	818	918
PEACHES, CANNED										
Canada	1121	1089	1031	945	788	663	408	294	155	142
Latin America	52	70	132	121	82	114	45	32	43	39
Germany, Federal Rep.	369	1060	211	423	356	169	158	(a)	0	.....
Netherlands	72	76	153	112	29	11	10	3	4	6
Other European Commty.	83	321	93	63	53	33	6	5	5	9
Other Western Europe	201	366	243	226	179	116	42	27	43	41
Japan	600	999	523	633	486	501	410	149	130	490
Asia	128	174	205	201	146	189	183	123	101	135
Other	29	25	31	94	² 480	26	23	14	13	14
Total	2655	4180	2622	2818	2599	1822	1285	653	494	876
PEARS, CANNED										
Canada	58	65	43	24	33	22	21	6	1	1
Europe	39	83	23	30	31	29	10	6	12	27
Asia	35	29	39	33	38	39	46	20	14	18
Latin America	10	12	23	15	17	10	6	4	4	5
Other	30	13	23	22	22	25	10	20	8	5
Total	172	202	151	124	141	125	93	56	39	57
PINEAPPLES, CANNED										
Canada	341	271	251	248	319	391	381	380	196	232
Germany, Federal Rep.	174	146	70	37	32	52	38	65	16	26
Other European Commty.	162	130	75	62	60	67	53	86	45	43
Other Western Europe	44	63	57	12	10	27	51	19	24	17
Asia	15	41	48	39	60	27	42	44	44	162
Caribbean	11	11	21	18	21	17	11	13	6	10
Other	18	27	42	34	21	15	13	14	27	3
Total	765	689	564	450	523	596	590	624	359	493

¹ Both sweet and sour. Excludes Maraschino Cherries.
500 cases.

² Includes 459,151 cases to Mexico. (a) Less than

LEADING U.S. EXPORT MARKETS—CANNED VEGETABLES

Basis 1,000 cases 24/303 cans (24 lbs.). Figure rounded - Calendar year.

Country of Destination	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASPARAGUS										
Canada	1	1	1	2	10	....	1	6	....	n.a.
Mexico .....	....	31	4	....	11	....	....	1	....	n.a.
Latin America	10	17	28	38	8	8	2	5	2	n.a.
European Community	41	39	59	40	34	29	29	35	33	24
Other Western Europe	16	24	19	24	27	23	12	16	12	12
Asia	29	19	21	21	66	44	50	21	16	n.a.
Caribbean	3	3	25	54	46	4	2	2	....	n.a.
Other	2	10	14	9	3	4	2	2	2	23
Total	102	144	171	188	205	112	99	89	65	58
BEANS, CANNED¹										
Canada	97	123	43	58	35	77	39	53	39	26
Mexico	75	102	113	97	84	24	5	6	18	24
Latin America	29	178	150	147	123	148	47	48	61	79
Caribbean	29	149	92	88	171	311	216	154	205	253
Europe	702	87	76	39	74	138	73	68	33	n.a.
Asia	99	281	294	256	306	260	222	267	237	248
Africa	11	68	79	37	35	22	11	14	3	5
Other	9	50	43	86	48	65	38	54	39	83
Total	1,051	1,038	890	808	876	1,047	651	663	635	718
CORN, CANNED										
Canada	156	229	127	103	67	75	144	41	23	97
Mexico	116	101	104	110	120	38	25	31	99	97
France	365	541	959	861	853	786	923	571	465	570
Germany, Federal Rep.	302	465	482	706	586	724	809	772	879	1,237
United Kingdom	273	293	348	398	348	513	832	912	884	777
Other Western Europe	344	531	539	529	635	851	705	732	854	767
Japan	382	562	939	1,554	3,001	1,772	1,743	1,301	1,487	2,214
Asia	726	624	662	573	728	742	665	780	759	938
Latin America	130	114	135	150	99	94	28	34	34	130
Caribbean	49	46	58	71	63	59	44	47	38	68
Other	29	31	40	50	43	62	148	34	86	142
Total	2,872	3,537	4,393	5,105	6,543	5,716	6,065	5,257	5,608	7,037
PEAS, CANNED										
Canada	19	29	11	5	....	11	4	1	....	n.a.
Latin America	134	105	71	145	111	56	27	29	25	34
Caribbean	26	33	27	31	35	36	37	40	19	17
Asia	83	81	62	82	90	113	69	44	39	10
Oceania	34	16	25	41	26	33	59	37	28	29
Other	22	18	21	18	22	13	21	18	21	54
Total	318	282	217	322	284	262	217	176	132	144
TOMATOES, CANNED										
Canada	909	1,039	1,340	1,207	1,170	709	446	383	297	215
Europe	5	3	36	5	15	5	27	3	18	n.a.
Latin America	3	7	216	63	24	2	....	1	....	n.a.
Asia	48	84	78	99	94	76	83	84	304	286
Other	19	43	67	82	38	40	26	28	25	79
Total	984	1,176	1,737	1,456	1,341	832	583	498	644	579
TOMATO CONCENTRATES²										
Canada	352	968	1,309	918	996	891	966	858	625	677
Latin America	220	130	147	38	74	26	11	12	3	40
Caribbean	29	76	83	101	89	80	57	62	41	42
Asia	125	214	276	314	186	200	225	174	148	167
Oceania	35	26	164	32	37	35	39	36	35	34
Europe	145	77	12	12	17	20	13	17	42	25
Other	40	34	34	64	87	4	3	1	15	25
Total	1,446	1,525	2,025	1,479	1,486	1,257	1,314	1,161	909	1,010
TOMATO JUICE										
	1,000 Gallons									
Canada	3,383	1,409	378	262	258	186	150	n.a.	n.a.	n.a.
Mexico	78	101	99	241	214	30	5	n.a.	n.a.	n.a.
Caribbean	133	121	123	263	222	292	169	n.a.	n.a.	n.a.
Latin America	55	59	82	184	95	75	11	n.a.	n.a.	n.a.
Middle East	804	1,022	971	1,147	1,787	1,371	851	n.a.	n.a.	n.a.
Far East	371	859	1,184	1,475	1,056	974	673	n.a.	n.a.	n.a.
Other	109	84	113	253	246	188	114	n.a.	n.a.	n.a.
Total	4,933	3,655	2,950	3,825	3,878	3,116	1,973	n.a.	n.a.	n.a.

¹Excludes dry beans & pickled beans.

²Includes tomato paste, pulp, puree & sauce.

U.S. IMPORTS—COUNTRY OF ORIGIN—FROZEN

SOURCE: United States Department of Agriculture, Foreign Agricultural Service, Horticultural and Tropical Products Division

Country of Origin	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
FROZEN VEGETABLES—1,000 Pounds										
PEAS										
Canada	n.a.	n.a.	n.a.	n.a.	n.a.	6,349	8,497	10,677	8,796	6,706
China, Taiwan	n.a.	n.a.	n.a.	n.a.	n.a.	4,072	3,607	2,895	4,469	9,211
Other	n.a.	n.a.	n.a.	n.a.	n.a.	5,924	3,347	8,691	3,109	1,629
Total	n.a.	n.a.	n.a.	n.a.	n.a.	16,345	15,450	22,262	16,374	17,547
BROCCOLI										
Mexico	n.a.	n.a.	n.a.	n.a.	n.a.	27,121	27,747	55,318	63,376	96,838
Guatemala	n.a.	n.a.	n.a.	n.a.	n.a.	4,674	5,564	10,024	12,666	18,124
El Salvador	n.a.	n.a.	n.a.	n.a.	n.a.	.....	.....	.....	181	1,437
Other	n.a.	n.a.	n.a.	n.a.	n.a.	75	240	62	926	752
Total	n.a.	n.a.	n.a.	n.a.	n.a.	31,870	33,552	65,404	77,148	117,151
CAULIFLOWER										
Mexico	n.a.	n.a.	n.a.	n.a.	n.a.	13,327	17,571	27,560	32,869	34,348
Guatemala	n.a.	n.a.	n.a.	n.a.	n.a.	7,083	3,239	3,111	2,835	2,158
Other	n.a.	n.a.	n.a.	n.a.	n.a.	161	276	165	1,120	1,338
Total	n.a.	n.a.	n.a.	n.a.	n.a.	20,571	21,085	30,836	36,824	37,845
OKRA										
Mexico	n.a.	n.a.	n.a.	n.a.	n.a.	3,069	955	1,887	165	82
Dominican Republic	n.a.	n.a.	n.a.	n.a.	n.a.	10,472	10,391	8,417	9,491	5,293
El Salvador	n.a.	n.a.	n.a.	n.a.	n.a.	3,682	3,477	4,561	6,065	5,386
Guatemala	n.a.	n.a.	n.a.	n.a.	n.a.	6,437	7,037	3,369	3,702	3,948
Other	n.a.	n.a.	n.a.	n.a.	n.a.	516	450	2	.....	51
Total	n.a.	n.a.	n.a.	n.a.	n.a.	24,176	22,309	18,237	19,423	14,760
FROZEN ORANGE CONCENTRATE—1,000 gallons at 42° brix										
Belize	n.a.	n.a.	n.a.	n.a.	n.a.	506	.....	525	937	1,665
Brazil	n.a.	n.a.	n.a.	n.a.	n.a.	92,587	83,470	132,101	139,243	123,991
Canada	n.a.	n.a.	n.a.	n.a.	n.a.	135	88	30	495	881
Mexico	n.a.	n.a.	n.a.	n.a.	n.a.	4,321	6,465	4,365	2,270	8,005
Other	n.a.	n.a.	n.a.	n.a.	n.a.	506	281	1,151	997	887
Total	n.a.	n.a.	n.a.	n.a.	n.a.	98,054	90,305	138,171	143,942	135,429



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U.S. COMPETITION IN WORLD MARKETS

IMPORTS INTO SPECIFIED COUNTRIES BY COUNTRY OF ORIGIN

SOURCE: United States Department of Agriculture, Foreign Agricultural Service,
Horticultural and Tropical Products Division

SPECIFIED CANNED FRUITS

Importing Country and Country of origin	Calendar Year								
	1978	1979	1980	1981	1982	1983	1984	1985	1986
APRICOTS—1,000 cases basis 24 No. 2½ cans 45 lb. per case									
FRANCE									
Greece	660	814	920	974	987	795	n.a.	n.a.	n.a.
Morocco	888	835	482	591	541	700	n.a.	n.a.	n.a.
Spain	242	309	254	258	462	889	n.a.	n.a.	n.a.
Tunisia	188	128	194	....	....	....	n.a.	n.a.	n.a.
Other	19	22	25	134	217	264	n.a.	n.a.	n.a.
TOTAL	1,997	2,108	1,875	1,957	2,207	2,120	n.a.	n.a.	n.a.
GERMANY, W.									
Greece	81	752	790	1,078	995	866	777	n.a.	n.a.
Italy	76	116	125	206	580	529	616	n.a.	n.a.
Morocco	128	167	97	135	99	106	64	n.a.	n.a.
South Africa	147	187	349	215	167	134	268	n.a.	n.a.
Spain	398	409	449	499	569	586	830	n.a.	n.a.
Other	245	191	143	173	155	208	24	n.a.	n.a.
TOTAL	1,867	1,822	1,953	2,306	2,565	2,428	2,558	n.a.	n.a.
UNITED KINGDOM									
Australia	17	47	25	19	18	13	13	n.a.	n.a.
Israel	22	37	19	8	5	3	(a)	n.a.	n.a.
South Africa	275	245	301	190	149	113	96	n.a.	n.a.
Spain	222	121	83	103	217	375	424	n.a.	n.a.
Greece	49	100	137	207	237	138	95	n.a.	n.a.
Other	40	14	4	9	14	15	28	n.a.	n.a.
TOTAL	625	564	569	536	640	657	643	n.a.	n.a.
CHERRIES—1,000 Pounds									
CANADA									
Italy	576	1,043	418	1,585	2,030	2,643	n.a.	n.a.	n.a.
Spain	73	73	461	383	348	800	n.a.	n.a.	n.a.
Other .....	....	....	4	....	28	....	n.a.	n.a.	n.a.
Subtotal	649	1,116	883	1,968	2,406	3,443	n.a.	n.a.	n.a.
United States	9,600	9,125	6,299	4,674	4,310	5,572	n.a.	n.a.	n.a.
TOTAL	10,249	10,241	7,182	6,642	6,716	9,015	n.a.	n.a.	n.a.
GERMANY, W.									
Belgium-Lux	4,765	4,851	5,946	5,966	6,855	4,636	6,777	n.a.	n.a.
Greece	2,488	2,301	3,808	4,966	2,039	710	864	n.a.	n.a.
Italy	5,490	8,014	6,046	11,088	8,913	12,033	9,436	n.a.	n.a.
Netherlands	6,219	7,422	15,189	10,056	16,033	8,508	11,318	n.a.	n.a.
United States	6,968	3,698	7,893	3,607	2,595	547	106	n.a.	n.a.
Yugoslavia	4,649	11,503	12,183	9,212	9,432	13,012	23,131	n.a.	n.a.
Other	7,701	4,563	6,823	6,804	7,441	10,842	10,710	n.a.	n.a.
TOTAL	38,280	42,352	57,888	51,699	53,308	50,287	62,342	63,061	58,422
UNITED STATES									
<i>Maraschinos</i>									
France	27	16	22	82	229	362	n.a.	n.a.	n.a.
Greece	12	44	40	55	78	49	n.a.	n.a.	n.a.
Italy	384	217	56	625	32	62	n.a.	n.a.	n.a.
Poland	41	27	42	70	43	42	n.a.	n.a.	n.a.
Other	87	928	106	114	220	365	n.a.	n.a.	n.a.
Subtotal	551	1,232	266	946	602	880	n.a.	n.a.	n.a.
TOTAL²	705	1,233	301	975	1,591	2,198	n.a.	n.a.	n.a.
FRUIT MIXTURES—1,000 cases basis 24 No. 2½ cans, 45 lb. per case									
CANADA									
Australia	224	107	144	101	190	231	282	n.a.	n.a.
Philippines	24	31	23	27	15	9	21	n.a.	n.a.
South Africa	5	33	28	53	92	110	201	n.a.	n.a.
Other	7	2	3	1	7	8	318	n.a.	n.a.
Subtotal	260	173	198	182	304	358	822	n.a.	n.a.
United States	1,082	1,041	846	859	717	467	435	242	n.a.
TOTAL	1,342	1,214	1,044	1,041	1,021	825	1,256	779	n.a.

n.a. - Comparable data not available. ¹Included in canned pears. ²Includes Cherries in Brine.
(a) Included in Other.

IMPORTS INTO SPECIFIED COUNTRIES—FRUITS—Continued

Importing Country and Country of origin	Calendar Year								
	1978	1979	1980	1981	1982	1983	1984	1985	1986
FRUIT MIXTURES—Continued									
FRANCE									
Italy.....	432	531	623	687	737	605	n.a.	n.a.	n.a.
Other.....	47	15	20	29	56	83	n.a.	n.a.	n.a.
TOTAL.....	479	546	643	716	793	688	735	926	1,078
GERMANY, W.									
Denmark.....	25	17	14	17	23	68	....	n.a.	n.a.
France.....	66	91	51	120	111	142	182	n.a.	n.a.
Italy.....	806	825	671	690	790	814	936	n.a.	n.a.
United States.....	108	101	352	311	175	125	12	n.a.	n.a.
Other.....	176	150	135	181	202	122	66	n.a.	n.a.
TOTAL.....	1,181	1,184	1,223	1,319	1,301	1,271	1,242	n.a.	n.a.
JAPAN									
Australia.....	72	112	90	64	60	52	n.a.	n.a.	n.a.
Philippines.....	30	60	50	38	40	37	n.a.	n.a.	n.a.
United States.....	160	157	157	136	115	163	n.a.	n.a.	n.a.
Other.....	2	6	1	7	4	13	n.a.	n.a.	n.a.
TOTAL.....	264	335	298	245	219	265	213	308	292
NETHERLANDS									
Germany, West.....	13	47	36	34	46	n.a.	n.a.	n.a.	n.a.
Greece.....	41	43	51	69	76	10	n.a.	n.a.	n.a.
Italy.....	248	195	255	292	317	359	n.a.	n.a.	n.a.
South Africa.....	38	51	43	30	40	13	n.a.	n.a.	n.a.
Other.....	48	27	31	36	22	64	n.a.	n.a.	n.a.
Subtotal.....	388	363	416	451	503	446	n.a.	n.a.	n.a.
United States.....	88	44	67	52	23	13	n.a.	n.a.	n.a.
TOTAL.....	476	407	483	513	526	459	n.a.	n.a.	n.a.
UNITED KINGDOM									
Australia.....	197	142	170	128	103	82	102	n.a.	n.a.
Italy.....	475	417	598	782	638	799	952	n.a.	n.a.
South Africa.....	896	1,012	855	837	626	636	464	n.a.	n.a.
Spain.....	89	94	76	81	59	146	129	n.a.	n.a.
Other.....	77	147	130	143	202	269	300	n.a.	n.a.
Subtotal.....	1,734	1,812	1,829	1,971	1,628	1,926	1,947	n.a.	n.a.
United States.....	45	7	12	38	8	6	....	n.a.	n.a.
TOTAL.....	1,779	1,819	1,841	2,009	1,636	1,932	1,947	n.a.	n.a.
PEACHES — 1,000 cases basis 24 No. 2½ cans, 45 lb. per case									
CANADA									
Australia.....	358	152	94	178	248	275	189	n.a.	n.a.
South Africa.....	35	189	206	250	238	171	198	n.a.	n.a.
Other.....	....	2	4	2	3	72	460	n.a.	n.a.
Subtotal.....	395	343	304	430	489	518	847	n.a.	n.a.
United States.....	1,209	1,161	997	880	708	427	306	167	n.a.
TOTAL.....	1,602	1,504	1,301	1,310	1,197	945	1,153	926	n.a.
FRANCE									
Greece.....	730	518	727	933	939	808	n.a.	n.a.	n.a.
Italy.....	93	205	291	200	198	190	n.a.	n.a.	n.a.
Other.....	22	10	6	6	32	77	n.a.	n.a.	n.a.
TOTAL.....	845	733	1,024	1,139	1,169	1,075	911	818	892
WEST GERMANY									
Argentina.....	51	....	....	....	....	1	....	n.a.	n.a.
Australia.....	....	....	....	....	47	....	....	n.a.	n.a.
Bulgaria.....	98	34	62	235	64	205	....	n.a.	n.a.
Greece.....	2,491	2,223	2,073	2,220	2,315	2,010	2,536	n.a.	n.a.
Italy.....	466	633	664	809	670	612	607	n.a.	n.a.
Spain.....	4	10	4	4	19	25	53	n.a.	n.a.
South Africa.....	626	829	741	571	710	374	436	n.a.	n.a.
Other.....	39	155	129	103	135	99	203	n.a.	n.a.
Subtotal.....	3,775	3,884	3,673	3,942	3,960	3,326	3,835	n.a.	n.a.
United States.....	1,052	447	577	379	111	208	....	n.a.	n.a.
TOTAL.....	4,827	4,331	4,250	4,321	4,071	3,534	3,836	3,667	4,398
JAPAN									
Australia.....	428	575	272	317	314	297	n.a.	n.a.	n.a.
South Africa.....	268	391	125	204	219	486	n.a.	n.a.	n.a.
United States.....	907	686	688	502	485	465	n.a.	n.a.	n.a.
Other.....	12	8	6	6	5	4	n.a.	n.a.	n.a.
TOTAL.....	1,615	1,660	1,091	1,029	1,023	1,251	851	1,382	1,960

n.a. - Comparable data not available.

IMPORTS INTO SPECIFIED COUNTRIES—FRUITS—Continued

Importing Country and Country of origin	Calendar Year								
	1978	1979	1980	1981	1982	1983	1984	1985	1986
PEACHES—Continued									
NETHERLANDS									
Argentina	14	....	4	....	n.a.	n.a.	n.a.	n.a.	n.a.
Germany, West	35	87	78	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Greece	320	257	288	298	355	401	n.a.	n.a.	n.a.
Italy	7	19	45	15	30	72	n.a.	n.a.	n.a.
South Africa	112	148	140	91	106	112	n.a.	n.a.	n.a.
Other	82	30	13	104	80	75	n.a.	n.a.	n.a.
Subtotal	570	541	568	508	n.a.	n.a.	n.a.	n.a.	n.a.
United States	75	25	59	23	n.a.	n.a.	n.a.	n.a.	n.a.
TOTAL	645	566	627	531	571	660	n.a.	n.a.	n.a.
SWEDEN									
Argentina	111	3	....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Australia	15	56	74	55	58	48	n.a.	n.a.	n.a.
South Africa	83	82	112	99	107	76	n.a.	n.a.	n.a.
Other	18	50	30	49	49	77	n.a.	n.a.	n.a.
Subtotal	227	191	216	203	214	201	n.a.	n.a.	n.a.
United States	121	125	131	85	47	29	n.a.	n.a.	n.a.
TOTAL	348	316	347	288	261	230	n.a.	n.a.	n.a.
UNITED KINGDOM									
Australia	353	317	356	437	684	227	170	n.a.	n.a.
Greece	257	356	411	740	932	1,228	1,251	n.a.	n.a.
Italy	276	582	515	699	518	617	563	n.a.	n.a.
South Africa	2,140	2,271	1,860	158	1,072	1,110	752	n.a.	n.a.
Other	35	29	29	25	124	73	57	n.a.	n.a.
Subtotal	3,061	3,555	3,171	3,483	3,330	3,254	2,793	n.a.	n.a.
United States	225	14	21	8	3	1	....	n.a.	n.a.
TOTAL	3,286	3,569	3,192	3,491	3,333	3,255	2,793	n.a.	n.a.
PEARS — 1,000 cases basis 24 No. 2 1/2 cans, 45 lb. per case									
CANADA									
Australia	351	291	156	167	198	175	193	n.a.	n.a.
Other .....	....	17	51	97	107	143	157	n.a.	n.a.
Subtotal .....	....	308	207	264	305	318	350	n.a.	n.a.
United States	51	57	41	40	34	18	8	3	n.a.
TOTAL	402	365	248	304	539	336	358	397	n.a.
FRANCE									
Italy	378	399	401	517	639	449	n.a.	n.a.	n.a.
Other	125	41	26	42	117	83	n.a.	n.a.	n.a.
TOTAL	503	440	427	559	756	532	470	426	647
GERMANY, W.									
Australia	322	473	190	260	309	123	117	n.a.	n.a.
China, Mainland	69	48	110	178	121	102	64	n.a.	n.a.
Italy	799	819	1,211	1,315	1,059	957	1,106	n.a.	n.a.
South Africa	87	100	74	59	131	74	69	n.a.	n.a.
Other	66	37	41	59	24	46	79	n.a.	n.a.
TOTAL	1,343	1,477	1,626	1,871	1,644	1,302	1,435	n.a.	n.a.
UNITED KINGDOM									
Australia	607	711	561	523	634	349	324	n.a.	n.a.
Italy	136	420	445	528	421	605	768	n.a.	n.a.
South Africa	904	870	811	785	567	611	484	n.a.	n.a.
Spain	22	29	30	47	21	130	137	n.a.	n.a.
Other	3	23	43	55	26	31	23	n.a.	n.a.
TOTAL	1,672	2,053	1,890	1,938	1,668	1,724	1,736	n.a.	n.a.
PINEAPPLE — 1,000 cases basis 24 No. 2 1/2 cans									
CANADA									
Australia	51	41	85	74	67	43	39	n.a.	n.a.
China, Taiwan	69	75	124	36	16	7	....	n.a.	n.a.
Philippines	414	502	604	547	392	239	410	n.a.	n.a.
Singapore	87	38	27	26	15	13	....	n.a.	n.a.
South Africa	130	138	136	171	132	144	148	n.a.	n.a.
Thailand	347	324	410	358	365	417	564	224	n.a.
United States	257	281	296	518	369	317	494	n.a.	n.a.
Other	42	34	29	24	18	15	60	n.a.	n.a.
TOTAL	1,397	1,433	1,711	1,754	1,374	1,195	1,715	1,619	n.a.

n.a. - Comparable data not available.

¹Includes canned apricots.

IMPORTS INTO SPECIFIED COUNTRIES—FRUITS—Continued

Importing Country and Country of origin	Calendar Year								
	1978	1979	1980	1981	1982	1983	1984	1985	1986
PINEAPPLE — Continued - 1,000 cases basis 24 No. 2 1/2 cans									
FRANCE									
Ivory Coast	1,064	874	919	941	618	411	n.a.	464	n.a.
Kenya	124	137	267	266	193	240	n.a.	193	n.a.
Martinique	245	376	406	472	409	473	n.a.	340	n.a.
Philippines	141	92	101	87	113	138	n.a.	53	n.a.
South Africa	77	41	118	7	71	n.a.	n.a.	69	n.a.
Thailand	205	127	157	137	438	223	n.a.	149	n.a.
United States	53	13	10	23	10	n.a.	n.a.	3	n.a.
Other	75	35	30	69	104	n.a.	n.a.	174	n.a.
TOTAL	1,984	1,695	2,008	2,002	1,956	1,622	n.a.	1,445	n.a.
WEST GERMANY									
China, Mainland	34	111	193	180	36	252	174	46	n.a.
China, Taiwan .....	....	36	....	....	....	4	9	2	n.a.
Ivory Coast	805	984	740	781	278	53	50	196	n.a.
Kenya	678	441	320	619	507	730	498	498	n.a.
Malaysia	81	44	58	64	66	59	219	185	n.a.
Philippines	454	540	581	582	596	502	321	416	n.a.
South Africa	366	302	281	156	496	178	123	200	n.a.
Swaziland	81	218	220	231	172	128	330	161	n.a.
Thailand	1,185	1,091	1,334	1,263	1,637	1,286	1,039	1,087	n.a.
United States	123	71	60	37	43	46	42	24	n.a.
Other	323	121	161	106	41	135	68	386	n.a.
TOTAL	4,130	3,959	3,948	4,019	3,872	3,373	2,873	3,201	n.a.
JAPAN									
China, Taiwan	269	282	246	241	78	53	n.a.	n.a.	n.a.
Malaysia	178	165	123	126	158	167	n.a.	n.a.	n.a.
Philippines	407	386	252	291	298	252	n.a.	n.a.	n.a.
Thailand	302	280	129	140	331	213	n.a.	n.a.	n.a.
Other	33	37	26	23	21	27	n.a.	n.a.	n.a.
TOTAL	1,189	1,150	776	821	886	712	n.a.	n.a.	n.a.
UNITED KINGDOM									
Kenya	269	671	541	523	454	520	541	377	n.a.
Malaysia	793	505	n.a.	n.a.	n.a.	(a)	(a)	228	n.a.
Philippines	166	132	158	400	406	359	393	535	n.a.
Singapore .....	....	171	n.a.	n.a.	n.a.	399	319	9	n.a.
South Africa	495	578	622	435	675	451	265	361	n.a.
Swaziland	79	167	121	281	182	255	283	331	n.a.
United States .....	....	....	....	....	....	....	....	....	n.a.
Other	113	235	921	705	868	198	273	180	n.a.
TOTAL	1,915	2,459	2,363	2,344	2,585	2,181	2,074	2,022	n.a.
UNITED STATES									
China, Taiwan	190	476	829	246	150	57	80	199	188
Ivory Coast	76	49	83	80	27	3	0	6	4
Malaysia	260	270	178	144	214	212	168	209	252
Mexico	793	624	602	247	171	142	146	203	305
Philippines	4,651	5,282	4,933	4,265	4,579	4,550	4,561	6,041	5,273
Singapore	133	130	219	242	235	188	204	180	251
South Africa	148	166	183	405	574	708	548	638	391
Thailand	2,200	2,964	3,214	3,860	3,511	3,061	3,428	3,938	5,238
Other	27	44	24	60	46	77	155	289	391
TOTAL	8,478	10,005	10,265	9,549	9,507	8,998	9,291	11,703	12,293

FROZEN ORANGE CONCENTRATE—1,000 gallons at 42° brix See page 592 for U.S. Imports of Frozen Conc. Orange Juice.

CANADA									
Belize .....	....	....	....	....	n.a.	n.a.	n.a.	n.a.	n.a.
Brazil	12,305	11,951	11,299	16,865	16,072	14,148	16,110	n.a.	n.a.
Mexico	886	732	380	730	651	856	278	n.a.	n.a.
Panama	63	....	23	....	....	n.a.	n.a.	n.a.	n.a.
U.S. ¹	6,464	7,991	9,387	9,459	7,904	9,132	9,011	9,563	n.a.
Other	17	17	....	....	26	160	23	n.a.	n.a.
TOTAL	19,735	20,691	21,089	27,054	24,653	24,296	25,422	23,831	n.a.

n.a. - Comparable data not available.
(a) Included in Philippines.

¹ Assumes that 5% of U.S. shipments are bulk concentrate at 65° brix.

IMPORTS INTO SPECIFIED COUNTRIES —Continued

CANNED VEGETABLES

1,000 cases, equiv. 24/303's (24 lbs.)

Importing Country and Country of origin	Calendar Year								
	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASPARAGUS — 1,000 cases basis 24/303 cans, 24 lb. per case									
BELGIUM-LUX									
China, Taiwan	336	392	332	235	226	113	n.a.	87	n.a.
Germany, West	32	20	5	11	8	35	n.a.	27	n.a.
Netherlands	37	27	25	30	51	36	n.a.	31	n.a.
Other	8	10	17	16	31	37	n.a.	36	n.a.
TOTAL	413	449	379	292	316	222	n.a.	181	n.a.
FRANCE									
China, Taiwan	445	643	1,015	1,047	972	355	n.a.	190	n.a.
Mexico	173	171	208	175	246	272	n.a.	55	n.a.
Spain	309	126	129	92	92	395	n.a.	266	n.a.
Other	30	40	73	89	100	134	n.a.	101	n.a.
TOTAL	957	980	1,425	1,403	1,410	1,156	n.a.	613	n.a.
WEST GERMANY									
Belgium-Lux	12	4	....	....	....	1	....	....	n.a.
Brazil	62	55	56	28	23	21	10	13	n.a.
China, Taiwan	4,677	4,284	3,605	3,012	2,474	2,074	1,545	1,247	n.a.
Japan	8	....	....	....	2	....	....	....	n.a.
Mexico	11	11	2	2	12	47	89	36	n.a.
Netherlands	180	277	332	297	260	246	237	208	n.a.
South Africa	81	82	....	29	51	114	144	163	n.a.
Spain	88	69	66	95	97	175	189	280	n.a.
Other	127	127	147	148	202	462	464	743	n.a.
TOTAL	5,246	4,909	4,208	3,611	3,121	3,140	2,678	2,689	n.a.
NETHERLANDS									
China, Taiwan	393	380	387	221	229	178	n.a.	151	n.a.
Germany, West	86	37	30	50	53	54	n.a.	14	n.a.
Other	23	30	19	43	37	49	n.a.	74	n.a.
TOTAL	502	447	436	314	319	282	n.a.	239	n.a.
SWEDEN									
China, Taiwan	232	210	252	256	318	n.a.	171	n.a.	n.a.
Mexico	20	22	27	8	14	n.a.	20	n.a.	n.a.
United States	13	10	8	6	4	n.a.	7	4	n.a.
Other	3	8	14	11	24	n.a.	43	n.a.	n.a.
TOTAL	268	250	301	281	360	n.a.	241	n.a.	n.a.
BEANS, GREEN OR WAX — 1,000 cases basis 24/303 cans, 24 lb. per case									
BELGIUM-LUX									
China, Mainland	172	232	196	251	240	162	n.a.	125	n.a.
France	297	251	388	420	389	373	n.a.	763	n.a.
Italy	28	67	89	85	75	84	n.a.	77	n.a.
Netherlands	137	327	169	109	121	120	n.a.	168	n.a.
Other	101	263	78	69	52	57	n.a.	80	n.a.
TOTAL	735	930	920	934	877	796	n.a.	1,214	n.a.
FRANCE									
Belgium-Lux	32	127	....	67	274	793	n.a.	377	n.a.
Italy	56	66	218	148	113	86	n.a.	225	n.a.
Morocco	475	610	614	675	930	828	n.a.	1,283	n.a.
Spain	46	14	....	14	11	1	n.a.	23	n.a.
Other	12	49	47	20	38	135	n.a.	406	n.a.
TOTAL	621	866	879	924	1,366	1,843	n.a.	2,314	n.a.
NETHERLANDS									
Belgium-Lux	176	295	109	271	317	348	n.a.	721	n.a.
China, Mainland	557	673	590	782	476	570	n.a.	278	n.a.
France	45	176	150	216	106	78	n.a.	68	n.a.
United States .....	....	....	....	....	....	1	n.a.	....	n.a.
Other	66	78	67	95	151	63	n.a.	125	n.a.
TOTAL	844	1,222	916	1,364	1,050	1,060	n.a.	1,192	n.a.

n.a. - Comparable data not available.

IMPORTS INTO SPECIFIED COUNTRIES, VEGETABLES—Continued

Importing Country and Country of origin	Calendar Year								
	1978	1979	1980	1981	1982	1983	1984	*1985	1986
MUSHROOMS —1,000 cases basis 24 lb., drained weight per case									
CANADA									
China, Mainland.....	247	331	418	355	566	597	920	n.a.	n.a.
China, Taiwan.....	370	630	595	418	304	195	280	n.a.	n.a.
France.....	83	76	76	81	101	53	201	296	n.a.
Hong Kong.....	14	64	38	249	231	232	271	n.a.	n.a.
Korea, Republic of.....	422	551	185	331	229	107	....	n.a.	n.a.
South Africa.....	41	49	29	5	....	....	....	n.a.	n.a.
United Kingdom.....	3	....	....	....	....	....	....	n.a.	n.a.
Other.....	49	62	38	51	28	50	133	n.a.	n.a.
TOTAL.....	1,229	1,763	1,379	1,490	1,459	1,234	1,966	n.a.	n.a.
WEST GERMANY									
Belgium-Lux.....	137	122	112	153	92	131	n.a.	123	n.a.
China, Mainland.....	1,004	1,631	1,541	1,627	1,200	1,981	n.a.	1,865	n.a.
China, Taiwan.....	818	3	71	73	47	90	n.a.	7	n.a.
France.....	1,530	1,283	1,678	1,759	1,726	2,943	n.a.	3,187	n.a.
Italy.....	163	168	61	68	41	49	n.a.	20	n.a.
Korea, Republic of.....	542	2	264	226	112	7	n.a.	....	n.a.
Netherlands.....	1,922	2,259	2,364	2,630	2,722	5,311	n.a.	6,440	n.a.
Spain.....	101	....	55	14	32	29	n.a.	3	n.a.
Other.....	105	18	51	48	116	45	n.a.	53	n.a.
TOTAL.....	6,322	5,486	6,197	6,598	6,088	10,586	n.a.	11,698	n.a.
UNITED STATES									
China, Mainland.....	1	11	618	1,144	1,526	1,528	1,886	1,916	1,955
China, Taiwan.....	2,051	1,886	2,239	1,013	1,593	1,772	2,579	2,036	2,131
Hong Kong.....	401	606	816	978	678	711	930	1,293	1,715
Korea, Republic of.....	1,069	1,189	809	393	216	333	485	419	319
Spain.....	n.a.	n.a.	n.a.	7	1	96	640	440	181
Other.....	157	157	154	126	175	227	484	303	329
TOTAL.....	3,679	3,849	4,636	3,661	4,190	4,668	7,004	6,407	6,630
GERMANY, W.									
Belgium-Lux.....	1,593	2,229	1,670	1,241	1,254	1,500	1,110	1,251	n.a.
France.....	4,024	3,312	3,980	3,198	2,779	3,001	2,713	2,499	n.a.
Italy.....	187	249	388	824	590	156	189	147	n.a.
Netherlands.....	229	266	338	506	645	656	720	706	n.a.
Romania.....	32	....	....	14	10	....	....	....	n.a.
Other.....	44	26	78	1245	159	71	80	71	n.a.
TOTAL.....	6,109	6,082	6,454	6,028	5,437	5,385	4,812	4,674	n.a.
NETHERLANDS									
Belgium-Lux.....	838	697	283	654	872	1,010	n.a.	1,224	n.a.
France.....	810	641	901	776	190	100	n.a.	29	n.a.
Other.....	40	31	18	40	102	11	n.a.	90	n.a.
TOTAL.....	1,688	1,369	1,202	1,470	1,164	1,121	n.a.	1,344	n.a.
CANADA									
Bulgaria.....	90	15	51	78	152	34	4	n.a.	n.a.
China, Taiwan.....	12	5	9	18	41	12	65	n.a.	n.a.
Israel.....	164	301	114	173	162	38	81	n.a.	n.a.
Italy.....	338	356	465	818	1,019	458	597	1,103	n.a.
Portugal.....	87	147	102	171	171	175	298	n.a.	n.a.
Spain.....	962	658	424	800	985	840	1,066	n.a.	n.a.
United States.....	1,184	1,502	1,309	1,015	547	443	343	2,794	n.a.
Other.....	41	3	12	273	145	42	118	n.a.	n.a.
TOTAL.....	2,878	2,987	2,486	3,346	3,222	2,042	2,571	n.a.	n.a.
FRANCE									
Bulgaria.....	25	6	....	....	....	....	n.a.	....	n.a.
Greece.....	262	503	260	128	129	11	n.a.	9	n.a.
Israel.....	90	71	53	73	25	46	n.a.	108	n.a.
Italy.....	2,200	2,499	3,328	4,518	3,402	3,507	n.a.	4,810	n.a.
Morocco.....	110	13	14	20	29	72	n.a.	36	n.a.
Spain.....	818	265	96	33	62	581	n.a.	236	n.a.
Other.....	....	18	4	4	....	60	n.a.	30	n.a.
TOTAL.....	3,505	3,375	3,755	4,776	3,647	4,278	n.a.	5,229	n.a.

n.a. - Comparable data not available. ¹Includes 144 cases from East Europe. ²Includes 154 cases from Hong Kong. *Tomato data for peeled tomatoes.

IMPORTS INTO SPECIFIED COUNTRIES, VEGETABLES—Continued

Importing Country and Country of origin	Calendar Year								
	1978	1979	1980	1981	1982	1983	1984	1985	1986
CANNED TOMATOES—Continued									
GERMANY, W.									
Bulgaria	307	215	146	292	325	220	83	66	n.a.
Greece	127	401	26	61	74	120	130	63	n.a.
Italy	3,897	4,063	5,242	6,497	6,540	7,036	7,173	6,758	n.a.
Spain	258	71	44	48	41	179	105	95	n.a.
China, Mainland	257	304	518	70	13	21	....	....	n.a.
Israel	26	176	180	138	71	99	93	116	n.a.
Other	77	15	6	10	18	138	23	13	n.a.
TOTAL	4,949	5,245	6,162	7,116	7,082	7,813	7,607	7,111	n.a.
NETHERLANDS ¹									
Germany, West	19	102	183	14	33	20	n.a.	17	n.a.
Greece	997	1,083	915	14	7	80	n.a.	14	n.a.
Hungary	178	97	110	....	....	....	n.a.	....	n.a.
Italy	512	657	802	560	486	387	n.a.	697	n.a.
Portugal	204	195	302	....	....	16	n.a.	....	n.a.
Spain	43	160	128	43	40	154	n.a.	91	n.a.
Other	163	73	82	51	18	32	n.a.	26	n.a.
TOTAL	2,116	2,367	2,522	682	584	688	n.a.	845	n.a.
UNITED KINGDOM									
Bulgaria	756	651	342	467	476	442	n.a.	173	n.a.
Italy	9,555	13,957	12,843	17,320	16,528	14,321	n.a.	14,020	n.a.
Spain	2,635	1,773	969	733	524	1,301	n.a.	665	n.a.
Other	566	389	317	402	428	261	n.a.	89	n.a.
TOTAL	13,512	16,770	14,471	18,922	17,956	16,325	n.a.	14,947	n.a.
UNITED STATES									
Greece	1	1	....	1	....	....	2	n.a.	n.a.
Israel	310	229	173	598	1,030	2,032	1,455	1,414	1,091
Italy	1,761	1,092	1,171	2,380	3,217	2,536	3,809	4,039	4,483
Mexico	24	31	21	13	4	4	....	11	....
Morocco	3	....	....	....	....	....	....	....	....
Spain	946	510	246	983	2,386	2,534	3,067	2,933	2,002
Other	45	36	51	77	253	674	1,401	771	655
TOTAL	3,090	1,899	1,662	4,051	6,959	7,780	9,732	9,168	8,232

n.a. - Comparable data not available. ¹Data beginning 1981 are Tomatoes, Canned only; previous years included an unknown quantity of Tomato Concentrates.

IMPORTS INTO SPECIFIED COUNTRIES, VEGETABLES—Continued

Importing Country and Country of origin	Calendar Year								
	1978	1979	1980	1981	1982	1983	1984	1985	1986
TOMATO CONCENTRATES—1,000 cases basis 24/303 cans, 24 lb. per case									
CANADA									
Greece.....	172	189	49	47	34	56	74	n.a.	n.a.
Italy.....	13	19	7	93	263	366	222	n.a.	n.a.
Mexico.....	133	123	185	131	84	25	15	n.a.	n.a.
Portugal.....	707	708	846	840	389	403	454	n.a.	n.a.
Spain.....	259	153	62	193	51	25	17	n.a.	n.a.
United States.....	743	955	615	495	272	187	83	n.a.	n.a.
Other.....	391	258	79	322	294	395	431	n.a.	n.a.
TOTAL.....	2,418	2,405	1,843	2,121	1,387	1,457	1,295	n.a.	n.a.
FRANCE									
Greece.....	407	311	266	182	148	822	n.a.	n.a.	n.a.
Italy.....	791	959	1,173	1,542	1,308	1,110	n.a.	n.a.	n.a.
Morocco.....	215	66	4	1	....	54	n.a.	n.a.	n.a.
Spain.....	109	187	39	36	36	56	n.a.	n.a.	n.a.
Other.....	155	353	104	55	56	37	n.a.	n.a.	n.a.
TOTAL.....	1,677	1,876	1,586	1,816	1,548	2,078	n.a.	n.a.	n.a.
GERMANY, W.									
Greece.....	400	810	889	426	954	853	854	n.a.	n.a.
Hungary.....	105	....	....	....	13	31	69	n.a.	n.a.
Italy.....	3,619	3,894	4,032	4,452	4,399	4,836	5,213	n.a.	n.a.
Netherlands.....	61	15	10	25	17	12	....	n.a.	n.a.
Portugal.....	102	38	33	5	3	3	4	n.a.	n.a.
Spain.....	44	65	....	136	145	160	166	n.a.	n.a.
Turkey.....	36	29	47	42	51	68	46	n.a.	n.a.
Israel.....	126	66	....	163	76	48	57	n.a.	n.a.
Other.....	296	139	94	107	96	442	370	n.a.	n.a.
TOTAL.....	4,789	5,056	5,105	5,356	5,754	6,454	6,779	n.a.	n.a.
JAPAN									
United States.....	140	112	108	58	47	41	n.a.	n.a.	n.a.
Bulgaria.....	37	11	4	5	....	1	n.a.	n.a.	n.a.
Greece.....	....	....	44	....	....	397	n.a.	n.a.	n.a.
Portugal.....	336	358	518	332	283	353	n.a.	n.a.	n.a.
Turkey.....	....	....	1	....	35	437	n.a.	n.a.	n.a.
Chile.....	25	109	27	....	36	163	n.a.	n.a.	n.a.
China, Mainland.....	93	269	281	421	300	357	n.a.	n.a.	n.a.
China, Taiwan.....	2,827	2,852	3,491	2,422	2,155	2,376	n.a.	n.a.	n.a.
Mexico.....	3	9	10	....	....	....	n.a.	n.a.	n.a.
Other.....	33	28	9	24	29	19	n.a.	n.a.	n.a.
TOTAL.....	3,494	3,748	4,493	3,262	2,929	4,144	n.a.	n.a.	n.a.
SWEDEN									
Argentina.....	158	19	....	....	....	n.a.	....	n.a.	n.a.
Bulgaria.....	48	104	56	39	70	n.a.	....	n.a.	n.a.
China, Mainland.....	101	132	162	44	62	n.a.	....	n.a.	n.a.
Hungary.....	51	48	52	64	97	n.a.	157	n.a.	n.a.
Israel.....	56	110	117	68	83	n.a.	79	n.a.	n.a.
Italy.....	269	296	619	678	703	n.a.	497	n.a.	n.a.
Portugal.....	162	184	270	262	239	n.a.	306	n.a.	n.a.
Spain.....	409	487	479	418	586	n.a.	780	n.a.	n.a.
Other.....	51	25	38	49	84	n.a.	90	n.a.	n.a.
TOTAL.....	1,305	1,405	1,793	1,622	1,924	n.a.	1,948	n.a.	n.a.
UNITED KINGDOM									
Greece.....	552	2,027	1,822	1,722	2,697	2,449	n.a.	n.a.	n.a.
Israel.....	263	357	130	234	162	110	n.a.	n.a.	n.a.
Italy.....	652	1,269	1,680	2,281	2,683	2,104	n.a.	n.a.	n.a.
Portugal.....	783	1,377	1,526	457	335	567	n.a.	n.a.	n.a.
Spain.....	202	531	544	287	136	176	n.a.	n.a.	n.a.
Turkey.....	176	167	130	310	441	922	n.a.	n.a.	n.a.
Other.....	481	686	662	121	158	371	n.a.	n.a.	n.a.
TOTAL.....	3,109	6,414	6,494	5,412	6,612	6,698	n.a.	n.a.	n.a.
UNITED STATES									
Chile.....	182	215	8	81	126	139	103	125	122
China, Taiwan.....	175	121	1	349	2,126	953	501	125	95
Israel.....	364	227	67	790	1,044	1,382	1,286	1,636	1,677
Italy.....	....	....	....	....	990	1,113	627	945	850
Mexico.....	1,173	949	781	694	1,504	1,329	1,830	634	1,230
Portugal.....	128	103	187	460	1,133	1,314	1,910	1,302	1,559
Spain.....	229	149	17	276	394	572	615	788	519
Turkey.....	....	....	....	57	260	287	143	137	330
Other.....	170	105	69	390	1,584	593	444	347	378
TOTAL.....	2,421	1,869	1,130	3,097	9,161	7,682	7,460	6,041	6,759

n.a. - Comparable data not available.

FRUIT PACKS IN SPECIFIED COUNTRIES BY COMMODITY

SOURCE: United States Department of Agriculture, Foreign Agricultural Service
Horticultural and Tropical Products Division

NOTE: The annual canned fruit packs in the Southern Hemisphere countries (Australia, South Africa, etc.) commence in November or December of each year and become seasonally heavy in the following January or February. For the purposes of this table such packs are aligned with the U.S. packing marketing season which commences the following summer. For example, the Southern Hemisphere packs completed in early 1984 are shown under the column for 1984 (marketing season 1984-85).

MARKETING SEASONS BEGINNING YEAR SHOWN

Commodity and Country	1979	1980	1981	1982	1983	1984	1985	*1986
1,000 cases, equiv. 24/2½'s (45 lbs.)								
APPLES & APPLESAUCE								
Canada	1,177	710	694	784	797	707	823	774
Germany, West	1,910	2,194	2,211	1,932	1,820	1,643	1,743	1,862
South Africa	284	238	204	223	173	231	184	n.a.
United States	15,155	12,284	10,136	12,461	12,033	n.a.	n.a.	n.a.
APRICOTS								
Australia	640	341	545	240	436	235	284	421
Canada	47	66	31	46	33	32	32	29
Greece	1,250	1,676	2,515	1,999	2,352	2,352	4,595	3,666
South Africa	925	1,098	707	587	470	570	373	429
Spain	300	980	980	1,372	1,062	2,058	1,842	1,382
United States	2,887	2,994	1,208	1,626	1,167	1,861	1,532	505
CHERRIES								
France	570	495	421	666	568	769	534	392
Germany, West	1,383	2,004	1,717	2,286	2,852	2,447	2,102	2,195
Italy	230	375	416	490	588	588	343	294
Japan	669	450	539	616	755	381	615	539
United States:								
Red Pitted	526	545	213	471	189	389	390	253
Sweet	651	428	316	498	496	357	405	327
FRUIT MIXTURES								
Argentina	318	132	220	245	318	279	284	245
Australia	1,366	1,511	1,728	958	1,176	1,264	1,377	1,460
France ¹	1,036	991	1,070	1,112	1,333	1,450	1,200	1,029
Italy	2,705	2,915	2,603	3,062	3,478	3,821	4,164	4,017
Japan	387	295	185	192	156	148	187	171
South Africa	2,130	2,454	1,935	1,280	1,692	1,757	1,887	1,631
United States	18,412	19,306	14,895	12,028	9,596	11,177	12,567	10,821
PEACHES								
Argentina	1,960	1,911	1,861	1,862	2,205	2,009	2,205	1,813
Australia	2,589	2,645	3,406	1,841	1,888	1,279	2,185	2,067
Canada	192	238	142	252	206	140	309	260
Chile	805	563	612	588	563	661	784	931
France ¹	532	466	1,237	1,249	1,636	1,435	1,724	1,764
Greece	5,414	5,696	4,605	7,038	7,741	9,014	9,308	10,705
Italy	2,295	2,165	1,874	2,205	2,548	3,919	3,919	3,821
Japan	2,222	2,020	1,805	1,884	1,703	1,393	1,554	1,396
South Africa	5,347	6,443	4,158	3,652	3,252	3,863	3,063	3,613
Spain ¹	700	600	784	1,568	3,088	4,164	4,115	3,282
United States	25,840	26,765	21,763	18,608	11,421	19,512	18,401	15,506
PEARS								
Australia	2,923	2,705	2,284	1,046	1,425	1,367	1,734	1,406
Canada	519	487	398	296	261	238	271	261
France ¹	650	554	886	1,298	1,210	1,357	1,239	1,078
Italy	2,130	2,250	2,582	3,037	3,282	2,841	2,131	2,058
Japan	55	30	30	64	33	23	31	29
South Africa	1,595	1,782	1,415	938	1,051	1,300	1,542	1,131
United States	10,568	10,928	9,700	7,789	7,214	7,657	7,813	7,209
PLUMS & PRUNES								
Canada	491	471	457	52	20	34	40	39
Germany, West	710	700	338	874	636	607	786	400
United Kingdom	789	495	378	n.a.	492	487	534	n.a.
United States	711	1,066	940	375	443	577	642	632

See Notes on Following Page

WORLD FRUIT PACKS BY COMMODITY — Continued

Commodity and Country	1979	1980	1981	1982	1983	1984	r1985	*1986
PINEAPPLE								
Australia	2,064	1,587	1,715	1,421	1,519	1,871	1,687	n.a.
Ivory Coast	2,954	2,758	2,841	784	490	984	1,176	980
Kenya	2,300	1,884	n.a.	n.a.	n.a.	1,653	2,181	2,241
Malaysia	2,289	2,096	1,764	1,862	1,911	2,129	2,146	1,929
Martinique ¹	376	393	456	n.a.	n.a.	n.a.	n.a.	n.a.
Mexico	3,464	3,545	3,135	1,225	392	614	931	931
Philippines	12,993	13,522	10,435	10,239	8,818	16,845	11,056	10,283
South Africa	2,693	2,666	2,890	2,694	2,597	2,547	3,150	2,787
Taiwan	1,500	1,817	245	98	196	327	518	598
Thailand	5,825	6,393	7,839	7,104	6,712	9,303	10,680	11,611
Hawaii	7,470	6,940	6,810	8,181	9,112	7,251	² 6,663	³ 7,740

¹Syrup pack only.

²USDA estimate based on the assumption of a 34% cannery yield.

³Imports into

France. ⁴Plums only.

*Preliminary. r - revised with The 1987 Almanac.

FRUIT PACKS BY COUNTRY

1,000 cases, equiv. 24/2½'s (45 lbs.)

(Pack year - See note under head on previous page.)

Country and Commodity	1979	1980	1981	1982	1983	1984	r1985	*1986
AUSTRALIA								
Apricots	640	341	545	240	436	235	284	421
Fruit Mixtures	1,366	1,511	1,728	958	1,176	1,264	1,377	1,460
Peaches	2,589	2,645	3,406	1,841	1,888	1,274	2,185	2,067
Pears	2,923	2,705	2,284	1,046	1,425	1,367	1,734	1,406
Pineapple	2,064	1,587	1,715	1,421	1,519	1,871	1,687	n.a.
Total (these prod.)	9,582	8,789	9,678	5,506	6,444	6,011	7,267	5,354
CANADA								
Apples & Sauce	1,177	710	694	784	797	763	823	774
Apricots	47	66	31	46	33	32	32	29
Peaches	192	238	142	252	206	140	309	260
Pears	519	487	398	296	261	238	271	261
Plums & Prunes	91	71	57	52	20	34	40	39
Total (these prod.)	2,026	1,572	1,322	1,430	1,317	1,207	1,475	1,363
FRANCE¹								
Cherries	570	495	421	666	568	769	534	392
Fruit Mixtures	1,036	991	1,070	1,112	1,333	1,450	1,200	1,029
Peaches	532	466	1,237	1,249	1,636	1,435	1,724	1,675
Pears	650	554	886	1,298	1,210	1,357	1,239	901
Total (these prod.)	2,788	2,506	3,614	4,326	4,747	5,011	4,697	3,997
GERMANY, WEST								
Apples & Sauce	1,910	2,194	2,211	1,932	1,820	1,643	1,743	1,862
Cherries	1,383	2,004	1,717	2,286	2,852	2,447	2,102	2,195
Plums & Prunes	710	700	338	874	636	607	786	400
Total (these prod.)	4,003	4,898	4,266	5,092	5,308	4,698	4,631	4,457
GREECE								
Apricots	1,250	1,676	2,515	1,999	2,352	2,352	4,595	3,666
Peaches	5,414	5,696	4,605	7,038	7,741	9,014	9,308	10,705
Total (these prod.)	6,664	7,372	7,120	9,036	10,092	11,366	13,903	14,371
ITALY								
Cherries	230	375	416	490	588	588	343	294
Fruit Mixtures	2,705	2,915	2,603	3,062	3,478	3,821	4,164	4,017
Peaches	2,295	2,165	1,874	2,205	2,548	3,919	3,919	3,821
Pears	2,130	2,250	2,582	3,037	3,282	2,841	2,131	2,058
Total (these prod.)	7,360	7,705	7,475	8,794	9,896	11,169	10,557	10,190
SOUTH AFRICA								
Apples & Sauce	284	238	204	223	173	231	184	n.a.
Apricots	925	1,098	707	587	470	570	373	429
Fruit Mixtures	2,130	2,454	1,935	1,280	1,692	1,757	1,887	1,631
Peaches	5,347	6,443	4,158	3,652	3,252	3,863	3,063	3,613
Pears	1,595	1,782	1,415	938	1,051	1,300	1,542	1,131
Pineapple	2,693	2,666	2,890	n.a.	2,597	2,547	3,150	2,787
Total (these prod.)	12,974	14,681	11,309	6,680	9,235	10,268	10,199	9,591

*Preliminary.

¹Syrup pack only.

r - revised with The 1987 Almanac.

VEGETABLE PACKS IN SPECIFIED COUNTRIES BY COMMODITY

(Pack year—See note under fruit packs, this section)

SOURCE: United States Department of Agriculture, Foreign Agricultural Service
Horticultural and Tropical Products Division

Item & Country	1978	1979	1980	1981	1982	1983	r1984	r1985	*1986
1,000 cases, equiv. 24/303's (24 lbs.)									
ASPARAGUS									
Canada.....	524	536	659	629	530	379	473	729	288
France.....	258	140	96	118	73	85	n.a.	51	59
Japan.....	1,313	1,145	1,106	878	n.a.	759	666	689	n.a.
Spain.....	1,745	2,140	2,296	2,067	1,791	2,067	3,674	3,491	n.a.
Taiwan.....	6,133	6,853	8,071	5,191	5,733	n.a.	n.a.	n.a.	n.a.
United States...	3,382	2,819	2,535	2,844	2,727	2,549	2,928	3,097	3,154
BEANS, GREEN									
Canada.....	2,020	1,698	1,808	1,611	1,577	1,752	1,592	1,352	883
France (a).....	22,908	19,165	2,065	2,330	1,727	1,268	14,482	19,606	18,739
Germany, W.....	2,438	3,249	2,284	2,576	2,439	1,603	1,098	2,164	2,476
Italy.....	3,476	2,664	2,710	2,480	1,598	1,678	n.a.	1,918	2,081
United States...	53,229	62,624	54,769	49,797	46,335	44,227	49,566	53,229	46,915
BEANS, WAX									
Canada.....	1,607	1,657	1,574	1,379	1,435	1,416	1,247	1,155	1,008
United States...	3,892	3,657	3,384	3,012	2,496	2,279	2,523	2,274	1,935
BEANS, LIMA									
United Kingdom...	859	937	873	781	n.a.	n.a.	n.a.	n.a.	n.a.
United States...	3,356	3,061	2,833	2,602	2,275	2,338	2,316	1,966	1,738
BEETS									
Canada.....	n.a.	833	612	531	406	399	670	480	439
United States (b)...	12,973	15,103	10,878	9,657	10,868	9,039	9,292	9,386	n.a.
CARROTS									
Canada.....	.....	.....	.....	.....	.....	.....	326	323	322
Germany, W.....	1,101	1,080	685	1,075	1,117	645	680	916	539
United Kingdom...	7,513	4,712	5,153	5,778	n.a.	5,152	4,013	4,754	n.a.
United States (b)...	6,250	7,267	4,365	5,251	5,932	4,695	5,100	4,486	n.a.
CORN									
Canada (c).....	2,036	2,783	2,650	2,641	2,892	2,526	2,959	3,005	3,031
France.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	3,797	4,345
Italy.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1,562	1,640
United States...	57,907	60,022	50,574	57,949	60,522	51,595	56,879	55,729	55,090
MUSHROOMS									
Canada.....	386	386	543	661	894	735	597	643	689
France.....	9,455	9,723	9,605	9,723	11,060	12,181	n.a.	11,360	10,778
Germany, W.....	362	318	409	371	331	469	288	277	286
Korea, Rep.....	2,526	1,850	1,177	692	485	445	603	503	468
Taiwan.....	4,239	4,047	2,785	2,477	2,312	2,316	2,324	2,581	2,472
PEAS, GREEN									
Canada.....	3,121	3,718	3,508	3,080	3,312	2,403	3,860	3,889	2,109
France.....	17,888	18,750	12,560	15,582	14,220	17,416	n.a.	10,604	10,332
Germany, W.....	737	805	672	700	1,127	462	450	609	780
Italy.....	4,966	.....	.....	.....	4,156	4,172	n.a.	3,996	4,235
United Kingdom...	6,552	5,962	6,099	5,438	n.a.	5,179	5,083	4,256	n.a.
United States...	25,269	36,492	30,056	27,296	24,790	20,827	23,312	29,306	20,919
SAUERKRAUT									
Germany, W.....	9,221	9,791	8,729	11,724	12,294	10,286	12,077	12,144	9,186
United States (b)...	9,509	9,016	8,173	8,686	8,417	5,844	7,011	7,687	n.a.
SPINACH									
France.....	2,030	1,403	1,908	1,672	2,058	2,728	n.a.	2,315	2,352
United States (b)...	6,214	8,121	6,314	5,458	n.a.	n.a.	n.a.	n.a.	n.a.
TOMATOES									
Canada.....	3,893	4,654	4,078	4,948	6,940	4,674	6,762	5,221	4,379
Greece.....	2,296	2,296	2,756	1,002	907	815	1,158	1,470	n.a.
Italy.....	76,885	101,044	97,369	92,777	77,750	101,045	126,233	79,458	n.a.
Portugal.....	837	611	562	735	919	520	490	334	n.a.
Spain.....	11,023	10,104	10,564	8,175	18,464	18,555	23,792	15,983	n.a.
Taiwan.....	791	525	799	367	564	768	1,745	1,036	n.a.
United States...	49,241	52,896	53,096	51,937	63,089	61,561	66,376	59,585	62,631

(a) Prior to 1980, included green beans, string beans and butter beans. (b) Pack beginning year shown.
(c) Whole kernel only. n.a. - Not available. 'Tin & glass only. r - revised. *Preliminary.

WORLD VEGETABLE PACKS BY COMMODITY — Continued

Item & Country	1978	1979	1980	1981	1982	1983	1984	*1985	*1986
TOMATO CONCENTRATES									
Canada.....	n.a.	480	534	911	1,495	1,106	1,525	1,927	n.a.
France.....	4,255	4,077	4,970	4,950	4,593	3,693	4,510	4,878	n.a.
Greece.....	11,415	11,946	14,601	11,946	14,886	16,332	23,755	20,981	n.a.
Italy.....	20,209	29,854	27,282	28,017	28,833	34,906	52,001	34,906	n.a.
Mexico.....	3,702	4,409	5,511	5,144	n.a.	n.a.	n.a.	n.a.	n.a.
Portugal.....	9,367	7,879	6,707	5,971	7,040	9,078	10,858	11,539	n.a.
South Africa....	486	485	363	....	n.a.	n.a.	n.a.	n.a.	n.a.
Spain.....	3,674	3,491	4,501	4,614	6,246	6,430	7,716	7,257	n.a.
Taiwan.....	3,443	3,204	2,388	3,674	4,038	3,647	5,493	4,363	n.a.
Turkey.....	3,674	4,593	4,409	4,593	n.a.	n.a.	11,023	14,238	n.a.
TOMATO JUICE									
Canada.....	10,599	8,937	7,590	8,821	8,505	7,129	8,727	6,449	6,178
Greece.....	1,010	1,378	1,838	873	n.a.	n.a.	n.a.	n.a.	n.a.
Italy.....	4,134	4,225	10,104	2,388	n.a.	n.a.	2,030	1,837	1,837
Spain.....	367	349	367	276	257	n.a.	n.a.	n.a.	n.a.
United States...	33,920	31,517	26,617	17,507	23,955	n.a.	n.a.	n.a.	n.a.

¹Includes small quantities of canned tomatoes. r - revised. *Preliminary.

VEGETABLE PACKS BY COUNTRY

	1978	1979	1980	1981	1982	1983	r1984	r1985	*1986
1,000 cases, equiv. 24/30's (24 lbs.)									
CANADA									
Asparagus.....	524	536	659	629	530	379	473	729	288
Beans, grn.....	2,020	1,698	1,808	1,611	1,577	1,752	1,592	1,352	883
Beans, wax.....	1,607	1,657	1,574	1,379	1,435	1,416	1,247	1,155	1,008
Beets.....	n.a.	833	612	531	406	399	670	480	439
Carrots.....	....	....	....	....	....	....	326	323	322
Corn.....	12,036	12,783	12,650	12,641	12,892	2,526	2,959	3,005	3,031
Mushrooms.....	386	386	543	661	894	735	597	643	689
Peas, green.....	3,121	3,718	3,508	3,080	3,312	2,403	3,860	3,889	2,109
Tomatoes.....	3,893	4,654	4,078	4,948	6,940	4,674	6,762	5,221	4,379
Tomato Juice...	10,599	8,937	7,590	8,821	8,505	7,129	8,727	6,449	6,178
FRANCE									
Asparagus.....	258	140	96	118	73	85	n.a.	51	59
Beans, grn. ²	22,908	19,165	2,065	2,330	1,727	1,268	14,482	19,606	18,739
Corn.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	3,797	4,345
Mushrooms.....	9,455	9,723	9,605	9,723	11,060	12,181	n.a.	11,360	10,778
Peas, green.....	17,888	18,750	12,560	15,582	14,220	17,416	n.a.	10,604	10,332
Spinach.....	2,030	1,403	1,903	1,672	2,058	2,315	n.a.	2,315	2,352
Tomato conc. ³ ...	4,255	4,077	4,970	4,950	4,593	3,693	4,510	4,878	....
GERMANY, WEST									
Beans, grn.....	2,438	3,249	2,284	2,576	2,439	1,603	1,098	2,164	2,476
Carrots.....	1,101	1,080	685	1,075	1,117	645	680	916	539
Mushroom.....	362	318	409	371	331	469	288	277	286
Peas, green.....	737	805	672	700	1,127	462	450	609	780
Sauerkraut.....	9,221	9,791	8,729	11,724	12,294	10,286	12,077	12,144	9,186
ITALY									
Beans, grn.....	3,476	2,664	2,710	2,480	1,598	1,678	n.a.	1,918	2,081
Corn.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1,562	1,640
Peas, grn.....	4,966	4,593	4,593	4,593	4,156	4,172	n.a.	3,996	4,235
Tomatoes.....	76,885	101,044	97,369	92,777	77,750	101,045	26,233	74,458	n.a.
Tomato conc....	17,959	26,897	27,282	28,017	28,833	34,906	52,001	34,906	n.a.
Tomato juice....	4,134	4,225	10,104	2,388	2,205	n.a.	n.a.	1,837	1,837
PORTUGAL									
Tomato conc....	9,367	7,879	6,707	5,785	7,040	9,078	10,858	11,539	n.a.
SPAIN									
Asparagus.....	1,754	2,140	2,296	2,067	1,791	2,067	3,674	3,491	n.a.
Tomato conc....	3,674	3,491	4,501	3,858	6,246	6,430	n.a.	n.a.	n.a.
Tomato juice....	367	349	367	276	257	n.a.	n.a.	n.a.	n.a.
UNITED KINGDOM									
Beans, butter...	859	937	873	781	n.a.	n.a.	n.a.	n.a.	n.a.
Carrots.....	7,513	4,712	5,153	5,778	n.a.	5,152	4,013	4,754	n.a.
Peas, grn.....	6,552	5,962	6,099	5,438	n.a.	5,179	5,083	4,256	n.a.

¹Whole kernel only. ²Prior to 1980, included green beans, string beans and butter beans. ³Includes small quantities of canned tomatoes. r - revised. *Preliminary.

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Section X

CANNED FOOD PRICES

Source: Monthly issues of "Food Production/Management"

Prices given represent the high and low canners spot selling price, f.o.b. factory, subject to customary discounts, including brokerage. Prices per case, unless otherwise noted. The first price (or range) for a given item, in a given year, does not necessarily represent the price for the first of the month indicated, as every effort was made to reflect opening prices. Date of opening prices depends on the season, the area and the market situation. Where no price is shown, no price was listed in the Source.

VEGETABLES

	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
BEANS—GR., SNAP							
East, fcy, cut, 3 sv. 24/303							
Aug. 1	6.70	7.00-7.20	6.75-7.20	6.90-7.35	7.50-8.35	7.95	7.85
Oct. 1	6.90	7.00-7.10	6.50-7.20	7.25-8.35	7.50-8.25	7.95	7.95
Jan. 1	6.80-7.20	7.00-7.20	6.25-6.90	7.25-8.35	7.85-8.00	7.95	7.95
Apr. 1	6.90-7.35	7.00-7.20	6.40-6.90	7.60-8.35	8.00-8.10	7.95	7.95
East fcy, fr. style, 24/303							
Aug. 1	6.75-6.80	7.25-7.50	6.80-7.50	7.40-8.00	7.50-8.50	8.25	8.25
Oct. 1	6.90-7.00	7.00-7.25	6.75-7.50	7.75-8.75	7.50-8.25	8.25	8.25
Jan. 1	6.80-7.20	7.00-7.50	6.75-7.50	7.75-8.75	8.25-8.50	8.25	8.25
Apr. 1	6.80-7.20	6.80-7.50	7.00-7.50	7.50-8.75	8.50	8.25	8.25
Midwest ex. std. cut, 3 sv. 24/303							
Aug. 1	5.90	¹ 6.25	¹ 5.50-5.60	¹ 6.35	¹ 7.25	¹ 7.25	¹ 6.00-6.50
Oct. 1	6.25-6.50	¹ 6.25	¹ 5.35-5.50	¹ 6.25-6.50	¹ 7.00-7.25	¹ 6.50-6.75	¹ 6.00-6.50
Jan. 1	5.75-6.25	¹ 5.70-6.25	¹ 5.35-5.75	¹ 6.40-6.50	¹ 7.00	¹ 6.50-6.75	¹ 6.50-6.75
Apr. 1	6.20-6.50	¹ 5.60-5.75	¹ 5.35-5.50	¹ 6.50-7.00	¹ 7.25	¹ 6.75	¹ 6.75-7.00
South Std. cut 24/303							
Aug. 1	5.75	6.25	6.00	6.00	6.50	6.25-6.75	6.25
Oct. 1	5.75	6.25	6.00	6.25	6.50	6.25	6.50
Jan. 1	5.75	6.25	6.00	6.25	6.50	6.25	6.50
April. 1	5.75	6.00	6.00	6.25-6.50	6.75	6.00-6.75	6.50

¹ 4 sieve.

CANNED FOOD PRICES—Continued

	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
N.W. Bl. Lakes fcy. cut 3 sieve							
24/303							
Aug. 1	6.85-7.10	7.50	6.20-7.30	6.50-7.45	8.00	7.75-7.85	7.25-7.50
Oct. 1	6.75-7.10	7.25	5.90-7.30	6.95-8.45	8.00	7.25-7.35	7.25
Jan. 1	6.75-7.30	7.25	5.90-7.00	6.95-7.70	8.00	7.25-7.35	7.75
April 1	6.60-7.30	7.00	5.80-6.60	7.25-7.70	8.25	6.75-7.35	7.75
6/10							
Aug. 1	9.75-10.15	9.50	7.50-10.50	9.25-9.50	11.50	9.50	9.00-9.50
Oct. 1	9.75-10.15	9.50	8.75-10.50	9.75-10.25	11.50	9.25	9.00
Jan. 1	9.75-10.50	9.50	8.75-10.50	10.00-10.25	11.50	8.75-9.25	9.50
April 1	8.50-10.50	9.00	9.00-9.25	10.75	11.50	7.95-8.75	9.50
BEANS (WAX)							
East fcy. cut 3 sieve 24/303							
Aug. 1	6.95	7.50	6.50-7.50	7.25-7.70	8.25-8.40	8.00-8.25	8.25
Oct. 1	6.95	7.30	7.30-7.50	7.50-8.45	8.00-8.25	8.00-8.25	8.25
Jan. 1	6.95-7.35	6.50-7.50	6.50-7.50	7.50-8.45	8.00-8.25	8.25	8.25
April 1	6.95-7.35	6.50-7.50	6.75-7.50	8.00-8.45	8.00	8.25	8.25
BEANS LIMA (Fr. Gr.)							
East, fcy. Tiny gr. 24/303							
Oct. 1	9.50-9.95	10.00-11.00	10.00-11.35	10.00-11.50	10.35-10.75	10.75-11.50	11.00
Jan. 1	9.50-10.45	10.00-11.20	10.00-11.35	10.00-11.50	10.75	11.00	11.00
Apr. 1	9.75-10.95	10.00-11.20	10.25-11.35	10.00-10.50	10.75-11.50	11.00	11.00
July 1	9.75-10.50	10.00-11.20	10.00-11.35	10.00-10.50	10.75-11.50	11.00	n.a.
Midwest fcy., med. gr 24/303							
Oct. 1	9.00-9.25	8.75-9.25	9.25	9.00-9.25	9.00-9.75	9.50-9.75	9.25-9.75
Jan. 1	8.50-9.25	9.25	9.25	9.00-9.25	9.35-9.75	9.35-9.75	9.50-9.75
Apr. 1	9.25	9.25	9.25	9.50-9.75	9.35-9.75	9.25-9.75	9.50-9.75
July 1	9.25	9.00-9.25	9.00-9.25	9.50	9.25-9.75	9.25-9.75	n.a.
BEETS							
East, fcy. diced, 24/303							
Oct. 1	5.95	6.30	6.25	6.60	6.60	6.75	7.25
Jan. 1	5.95	6.05	6.25	6.60	6.60	6.75	7.25
Apr. 1	5.95	6.05	6.25	6.60	7.00-7.25	7.00	7.25
July 1	6.30	6.25	6.60	6.60	7.25	7.25	n.a.
Midwest fcy. sl. 24/303							
Oct. 1	6.10-6.35	6.35	6.15-6.40	6.35-6.85	7.00-7.25	7.25-7.35	7.35-8.00
Jan. 1	6.35	6.15-6.35	6.15-6.40	6.35-6.85	6.90-7.50	7.25-7.40	7.75-8.00
Apr. 1	5.85-6.35	6.15-6.35	6.15-6.35	6.40-6.75	7.00-7.50	7.40-7.75	7.75-8.00
July 1	5.95-6.35	6.15-6.35	6.25-6.85	6.50-7.25	7.25-8.25	7.40-8.25	n.a.
CARROTS							
Midwest fcy. diced, 24/303							
Oct. 1	6.50-6.75	5.75-6.75	6.50	6.50	6.50-6.60	6.50-7.00	6.50-6.75
Jan. 1	6.00-7.10	6.50-6.75	6.50-6.75	6.50	6.50-6.60	6.50	6.50-6.75
Apr. 1	6.50-6.75	6.50-6.75	6.50	6.50	6.50	6.50-6.75	6.50-7.25
July 1	6.50-6.75	6.50-6.75	6.50-7.50	6.50	6.50	6.50-6.75	n.a.
Midwest fcy. sl. 2							
Oct. 1	7.00-7.25	7.25	6.75	6.75-7.00	7.00-7.25	6.85-7.25	7.00-7.50
Jan. 1	7.00-7.60	6.90-7.25	6.75-7.25	6.75-7.00	7.00-7.25	7.00-7.50	7.25-7.50
Apr. 1	7.00-7.25	6.75-7.25	6.75-7.00	6.75-7.25	7.00-7.25	7.00-7.50	7.50-8.00
July 1	7.15-7.25	6.75-7.25	6.75-7.00	6.90-7.25	6.85-7.25	7.00-7.50	n.a.
CORN-SWEET (C.S. & W.K.)							
Midwest fcy., gold 24/303							
Sept. 1	6.75-7.00	8.75-9.00	8.00-8.50	8.25	8.15-8.25	6.25-7.15	7.25
Jan. 1	7.25-7.75	7.75-8.50	7.50-8.00	8.25	7.50-7.75	6.25-6.90	7.25-7.50
Apr. 1	8.50-8.65	8.00	7.25-7.75	8.25	6.75-7.25	6.50-6.75	7.50
July 1	8.65-8.75	8.00-8.50	8.00	8.25-8.50	6.75	7.00-7.25	n.a.
6/10							
Sept. 1	8.75	11.00-12.00	12.50-13.50	11.50-13.75	10.25-14.00	9.00-11.00	9.00-11.00
Jan. 1	9.50-9.75	11.50-12.00	12.50-14.00	12.00-13.95	9.95-12.25	8.50-11.00	9.50-11.00
Apr. 1	10.00-11.25	13.00-13.50	11.50-13.30	12.00-14.25	10.25	8.50-11.00	10.00-11.50
July 1	11.25-12.00	13.00-14.50	11.00-13.50	10.75-14.00	9.25-11.50	8.50-10.25	n.a.
East, fcy. gold 24/303							
Sept. 1	7.00-7.35	8.75	8.75-9.30	8.95-9.30	8.50-9.30	7.50-8.25	8.00
Jan. 1	7.65-8.75	8.75-9.30	8.40-9.30	8.25-9.30	8.00-8.50	7.50-8.00	8.00
Apr. 1	8.90-9.75	8.75-9.30	8.40-9.30	8.25-9.30	8.00	7.50	7.75-8.00
July 1	9.30-9.75	8.75-9.30	8.95-9.30	8.50-9.30	7.50-8.25	7.50	n.a.

CANNED FOOD PRICES—Continued

	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
PEAS, ALASKA							
Midwest fcy., 2 sv., 24/303							
July 1	8.50	9.00	8.00-8.50	8.25-8.75	9.50-9.75	10.00-10.25	8.50-9.00
Oct. 1	8.50	9.00	7.90-8.50	8.75-9.25	10.00	9.00-9.75	8.50-8.75
Jan. 1	8.50	8.00-8.75	7.90-8.50	9.25	10.00	9.00-9.25	8.75
Apr. 1	8.75-9.00	8.00-8.50	7.50-7.75	9.50	10.00	8.25-9.00	8.75-9.00
Midwest Ex. Std., 3 sv. 24/303							
July 1	7.00	7.50	6.75	7.50-7.75	8.75	8.50-8.75	7.00
Oct. 1	7.00	7.50	6.25-6.50	7.75-8.00	8.75	7.00-7.75	7.00
Jan. 1	6.10-7.00	6.75-7.75	6.50	8.00-8.25	8.75	7.00-7.75	7.25-7.50
Apr. 1	7.15-7.50	6.75	6.50	8.75	8.75	6.00-7.00	7.75-8.00
6/10							
July 1	10.00	10.25-10.50	10.20-10.25	10.75-11.00	13.00-13.25	12.75-13.50	9.25-9.75
Oct. 1	10.00	9.95-10.25	10.25	11.50-12.00	13.25-13.50	10.00-11.00	8.25-9.75
Jan. 1	9.25-10.00	9.75-10.25	10.25-10.50	13.00	13.50-13.75	9.75-10.25	9.00-9.75
Apr. 1	10.25	10.20-10.25	10.75	13.25	13.50-13.75	8.50-9.75	9.00-9.75

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CANNED FOOD PRICES—Continued

	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
PEAS, SWEET							
Midwest Ung., fcy, 24/303							
July 1	7.50	8.00-8.25	6.75	7.75	8.75	8.50	7.25
Oct. 1	7.75	8.00	6.50	8.25	8.75	7.00	7.25
Jan. 1 .....	.....	6.75-7.50	6.75	8.50	8.75	7.00	7.50
Apr. 1	7.75	6.75-7.25	7.00-7.25	8.75	8.75	6.00	8.00
Midwest Ung. Ex. Std., 24/303							
July 1	6.75	7.35-7.50	6.40	7.25	8.50	8.25	6.75
Oct.	6.75-7.00	7.50	6.25	7.40	8.50	6.50	6.75
Jan. 1 .....	.....	6.40-6.75	5.95	8.00	8.50	6.50	7.00
Apr. 1	7.05	6.40-6.75	6.50	.....	8.50	5.75	7.50
6/10							
July 1	9.75	9.50-9.75	9.75	10.75	12.75	11.25	7.95
Oct. 1	9.75	8.95-9.75	10.25	11.50	12.75	9.50	7.95
Jan. 1 .....	.....	8.75-9.25	10.25	12.75	13.00	8.75	8.25
Apr. 1	9.00	9.25-9.50	10.75	.....	11.75	7.50	8.25
East Ung., ex. std., 24/303							
July 1	6.75	7.50	7.00	8.00	8.75-9.25	9.00	9.00
Oct. 1	7.00	8.00	6.75	8.00	9.00	.....	9.00
Jan. 1	7.00	7.50	6.50	8.50	9.25	.....	9.00
Apr. 1	7.00	7.50	7.00	8.75	9.25	.....	9.00
East Ung Std., 24/303							
July 1	6.25	7.00	6.50	7.50	8.00-8.75	8.50	8.50
Oct. 1	6.50	7.25	6.25	7.50	8.75	.....	8.50
Jan. 1	6.50	7.25	6.25	7.75	9.00	.....	8.50
Apr. 1	6.75	6.25	6.50	8.25	9.00	.....	8.50
SAUERKRAUT							
Midwest fcy., 24/2½							
Oct. 1	8.95-9.00	10.25-10.40	9.75-10.40	9.00-10.00	11.75-13.00	10.25-12.00	9.50-10.50
Jan. 1	9.25-10.00	10.25	9.75-10.25	10.00-11.00	11.50-12.75	10.25-12.25	9.50-11.00
Apr. 1	9.50-10.15	10.25-10.40	10.00-10.25	11.50-11.75	12.00-12.75	10.50-12.25	9.50-11.00
July 1	9.75-10.25	10.25-10.40	9.95-10.00	11.50-13.00	11.75-12.75	9.50-12.25	n.a.
6/10							
Oct. 1	8.25-9.00	9.00	8.25-9.00	7.50-8.25	9.75-10.50	8.50-9.50	8.25-8.50
Jan. 1	8.25-9.00	9.00	8.25-8.50	8.50-9.00	9.75-10.25	8.50-9.50	8.50-9.00
Apr. 1	9.00-9.50	9.00	8.25-8.50	9.50-10.50	9.75-10.00	9.50-10.50	9.00-9.50
July 1	8.50-9.00	9.00	7.95-8.25	9.75-11.00	9.25-10.00	7.75-9.50	n.a.
N.Y. fcy., 24/2½							
Oct. 1	8.70	9.50	9.50	9.50	13.00-13.50	10.50	10.50
Jan. 1	8.75	9.50	9.50	13.00	13.00	10.50	9.50-12.25
Apr. 1	9.00	9.50	9.50	14.50	13.00	10.50	9.50-12.25
July 1	9.35	9.50	9.50	14.50	10.50	10.50	n.a.
SPINACH							
Calif., fcy., 24/303							
March 1	7.10	8.10	7.68-8.40	7.68-8.40	7.68	8.40	8.40-9.00
June 1	7.60	8.40	7.68-8.40	7.75-8.40	7.75	8.75	8.40-9.00
Sept 1	7.60	8.40	7.68-8.40	7.75-8.40	8.40	9.00	9.00
Jan. 1	8.10	7.68	7.68-8.40	7.68-8.40	8.40	9.00	9.00
24/2½							
March 1	9.95	11.50	11.18-11.90	11.18-12.50	12.50-13.50	13.50	12.50-15.00
June 1	10.75	11.90	10.94-11.90	12.50	11.85	14.00	12.50-15.00
Sept. 1	10.75	11.90	11.18-11.90	12.50	13.50	15.00	15.00
Jan. 1	11.50	11.90	11.18-11.90	12.50-13.50	13.50	15.00	15.00
6/10							
March 1	8.35	9.00	9.35	9.35-10.00	9.85	12.00	12.00
June 1	9.00	9.85	8.50	9.85-10.50	9.85	12.00	12.00
Sept. 1	9.60	9.50	9.35	9.85-10.50	9.85-11.00	12.00	12.00
Jan. 1	9.50	9.35	9.35	9.85-10.50	11.00-11.50	12.00	12.00
Ozarks, fcy., 24/303							
March 1	7.10	7.10-7.45	7.45	7.80-8.10	8.10	9.60-9.95	9.60
June 1	7.10	7.45	7.80-8.10	7.80-8.10	8.60	9.60-9.95	9.60
Sept. 1	7.10-7.45	7.45	7.80-8.10	8.00-8.25	8.60	9.60-9.95	9.60
Jan. 1	7.10-7.45	7.45	7.80-8.10	8.30-8.60	8.95	9.60-9.95	9.60

CANNED FOOD PRICES—Continued

	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
SWEET POTATOES							
East syr. wh., 24/3 sq.							
Oct. 1	14.00	15.50	15.00	14.50	15.50	15.50	15.00
Jan. 1	14.00	15.50	15.00	14.50	15.50	15.50	15.00
Apr. 1	14.00	15.50	14.50	14.50	n.a.	15.50	15.00
July 1	14.00	15.50	14.50	14.50	n.a.	15.00	n.a.
24/2½							
Oct. 1	16.00	17.50	16.50	16.00	17.00	17.00	17.00
Jan. 1	16.00	17.50	16.50	16.00	17.00	17.00	17.00
Apr. 1	16.00	17.50	16.00	16.00	17.00	17.00	17.00
July 1	16.00	17.50	16.00	16.00	17.00	17.00	n.a.
TOMATOES							
Midwest ex. std. 24/303							
Sept. 1	7.85	9.50	8.95	8.75	8.75	8.50	8.50
Jan. 1	8.25	9.60	8.75	8.75	8.75	8.50	8.25
Apr. 1	8.75	9.75	8.75	8.75	8.75	8.50	8.50
July 1	9.00	9.75	8.75	8.75	3.75	8.50	n.a.
24/2½							
Sept. 1	11.00-11.50	14.75	14.50	14.25	14.50	14.50	14.25
Jan. 1	13.00	15.00	14.25	14.50	14.50	14.25	14.00
Apr. 1	14.00	15.50	14.25	14.50	14.50	14.25	14.00
July 1 .....	.....	.....	14.25	14.50	14.50	14.25	n.a.
6/10							
Sept. 1	10.90	12.50	12.75	13.00	12.75	11.75	11.50
Jan. 1	11.25	13.00	13.00	12.75	12.50	11.50	11.00
Apr. 1	11.75	13.50	13.00	12.75	12.50	11.50	11.00
July 1	12.00	13.50	13.00	12.75	12.50	11.50	n.a.
Calif. fcy. 24/303							
Sept. 1	8.35	10.70	10.70	18.25-8.50	18.05-8.50	18.25-8.75	17.50
Jan. 1	9.35	10.70	10.70	18.75-9.00	17.80-8.25	18.00	17.75
Apr. 1 .....	.....	10.70	10.00	18.50	18.25-8.50	18.00	18.50
July 1	10.30	10.70	10.00	18.50-9.00	18.50-8.75	17.75-8.00	n.a.
Calif. Choice 6/10							
Sept. 1	10.50-11.00	12.40-12.80	13.80-14.69	13.25	12.75-13.75	9.75-11.00	8.50
Jan. 1	11.00	13.30	13.80	13.25	12.00	10.00	9.00-9.50
Apr. 1	11.45	13.80	13.25	13.75	12.00	9.50-10.00	10.50
July 1	11.95	13.80	13.25	13.00-13.75	11.00	9.00	n.a.
Calif. Std. 24/303							
Sept. 1	6.75-7.00	9.20-9.60	8.88-9.60	7.75	7.25-8.25	7.50-8.00	7.00
Jan. 1	7.90-8.15	9.60	7.93-8.65	8.00	7.05-7.50	7.50	7.25
Apr. 1	8.40	9.60	7.50	7.75	7.50-7.75	7.50	8.00
July 1	8.80-9.20	9.60	7.50	7.24-7.85	8.00	7.25-7.50	n.a.
6/10							
Sept. 1	9.25-9.85	11.40-11.80	12.05-12.80	12.25	11.00	8.50-10.00	7.50
Jan. 1	9.85-10.00	12.30	12.80	12.25	11.00	9.00	8.00-8.50
Apr. 1	10.45	12.80	12.25	12.75	11.00	8.50-9.00	9.50
July 1	10.95	12.80	12.25	12.00-12.75	10.00	8.00	n.a.
TOMATO CATSUP							
Calif. fcy. 24/14 oz. gl.							
Sept. 1	9.35	10.35	11.50	11.50	11.50	.....	n.a.
Jan. 1	9.35	10.95	11.50	11.50	11.50	.....	n.a.
Apr. 1	9.85	10.95	11.50	11.50	11.50	.....	n.a.
July 1	9.85	10.95	11.50	11.50	11.50	n.a.	n.a.
6/10							
Sept. 1	11.75-12.15	14.80	16.30-17.30	15.00	12.00-13.50	12.95-13.25	12.00
Jan. 1	12.00-12.15	16.30	17.05	15.00	11.50-12.00	12.50	13.00
Apr. 1	13.90	17.30	15.00	13.50	13.25-13.50	12.50	13.00
July 1	14.40	17.30	15.00	12.50-13.50	13.25-13.50	12.50	n.a.
Midwest, fcy. 24/14 oz.							
Sept. 1	8.25	10.00	10.00	9.75	9.75	9.75	9.75
Jan. 1	8.50-8.75	10.00	9.75	9.75	9.75	9.75	9.75
Apr. 1	9.00	10.00	9.75	9.75	9.75	9.75	9.75
July 1 .....	.....	10.00	9.75	9.75	9.75	9.75	n.a.
6/10							
Sept. 1	12.00-12.25	15.25	16.25	15.00	14.25	13.25	12.75
Jan. 1	12.50-13.00	16.50	15.25	14.75	14.00	12.50-13.25	12.75
Apr. 1	13.25	16.50	15.25	14.75	14.00	13.25	12.75
July 1 .....	.....	16.50	15.25	14.75	14.00	13.25	n.a.

¹Ex. Std.

CANNED FOOD PRICES—Continued

	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
TOMATO PASTE							
Calif. Fcy. 96/6z							
Sept. 1	20.00-21.30	24.30	24.54-25.50	25.50-26.50	23.50-24.60	23.50-25.00	22.00-23.00
Jan. 1	20.50-21.30	24.90-25.50	23.54-24.50	26.50	23.50-25.00	23.00	22.00-23.00
Apr. 1	22.80	25.50	24.50	25.06-26.50	23.08-25.00	23.00	23.00
July 1	24.30	25.50	24.50	24.50-26.50	23.00-25.00	22.00-23.00	n.a.
6/10-26%							
Sept. 1	16.50-17.05	19.95	22.00-24.00	24.10	19.00-21.00	17.50-18.00	17.00-18.00
Jan. 1	17.05	23.10-23.30	24.05-24.10	24.10	18.00-19.00	17.00-18.00	17.00-18.00
Apr. 1	17.75-18.50	24.05-24.10	24.10	23.10	19.00	17.00-18.00	17.50-18.00
July 1	19.50	24.05-24.10	24.10	21.00-23.10	18.00-19.00	17.00-18.00	n.a.
TOMATO PUREE							
Calif. Fcy. 1.06 24/303							
Sept. 1	8.00	9.60	10.40	10.05	10.00	.....	⁴ 13.85
Jan. 1	8.10	9.95	9.80	10.30	10.00	.....	⁴ 13.85
Apr. 1	8.85-9.10	9.10	9.80	10.30	10.50	.....	⁴ 13.85
July 1	9.35	10.40	9.80	10.30	10.50	⁴ 13.85	n.a.
6/10							
Sept. 1	10.50	12.65	13.50-14.90	13.75	11.50-12.50	11.00-11.75	10.25-11.25
Jan. 1	10.25-10.50	14.15-14.40	14.65-14.90	13.75	11.25	11.25	10.25-11.25
Apr. 1	10.50-11.00	14.90	13.75	13.25-13.75	11.75	11.25	11.00-11.25
July 1	12.25	14.90	13.75	13.00-13.75	11.25-11.75	11.25	n.a.
TOMATO JUICE							
East fcy. 12/46 oz.							
Sept. 1	6.25-6.75	8.50	8.25	³ 8.00	³ 8.75	³ 7.50	³ 8.00
Jan. 1	7.75	8.50	8.00	³ 7.50	³ 7.50	³ 7.25	³ 8.00
Apr. 1	9.75	8.75	9.50	³ 8.25	³ 8.25	³ 7.50	³ 8.25
July 1	8.50	8.75	.....	³ 8.25	³ 8.25	³ 8.00	n.a.
Calif., fcy. 12/46 oz.							
Sept. 1	6.80	8.35	7.88-8.00	8.00-8.25	7.77-7.80	7.50	7.25-7.75
Jan. 1	6.70-6.80	8.60	7.52-8.00	8.25	7.75	7.75	7.75
Apr. 1	7.45	8.60	7.75	7.77-8.25	7.75	7.75	8.00-8.25
July 1	7.70	8.60	7.75	8.25-8.40	7.75	7.25-7.75	n.a.
FRUITS							
APPLE SAUCE							
East, fcy. 24/303							
Oct. 1	7.00	¹ 8.50-9.00	¹ 8.50-9.50	¹ 8.50	¹ 8.50	¹ 8.50	¹ 8.50
Jan. 1	7.00	¹ 8.50-9.00	¹ 8.50-9.50	¹ 8.40	¹ 8.50	¹ 8.50	¹ 8.50
Apr. 1	7.00	¹ 8.50-9.25	¹ 8.50-9.50	¹ 8.50	¹ 8.50	¹ 8.50	¹ 8.50
July 1	7.40	¹ 8.50-9.25	¹ 8.50	¹ 8.50	¹ 8.50	¹ 8.50	n.a.
6/10							
Oct. 1 .....	.....	¹ 10.75-11.25	¹ 10.75-11.80	¹ 10.75	¹ 10.75	¹ 10.75	¹ 10.75
Jan. 1 .....	.....	¹ 10.75-11.25	¹ 10.75-11.25	¹ 10.75	¹ 10.75	¹ 10.75	¹ 10.75
Apr. 1 .....	.....	¹ 10.75-11.25	¹ 10.75-11.25	¹ 10.75	¹ 10.75	¹ 10.75	¹ 10.75
July 1 .....	.....	¹ 10.75-11.25	¹ 10.75	¹ 10.75	¹ 10.75	¹ 10.75	n.a.
APRICOTS							
Calif. choice hy. syr.							
halves 24/2½							
July 1	17.15	18.95	20.55-21.05	21.55	22.75-23.95	21.95	21.95
Oct. 1	17.43-18.15	20.00	21.05	23.00	22.75-23.95	20.75-21.95	24.15
Jan. 1	17.43-18.15	20.55	21.05	23.25	23.95	21.95	24.15
Apr. 1	18.15	20.55	21.05	23.25-23.95	23.95	21.95	24.15
6/10							
July 1	18.25	18.25	20.65	21.25	22.25-23.00	21.00	20.00
Oct. 1	17.75-18.25	19.00	20.50	22.00	22.25-23.00	20.00-21.00	23.00
Jan. 1	17.75-18.25	20.15	20.50-20.65	22.50	23.00	20.00	23.00
Apr. 1	18.25	20.00-20.15	20.50	22.50-23.00	23.00	20.00	23.00-24.00
FRUIT COCKTAIL							
Calif. fcy. hy. syr.							
24/2½							
Sept. 1	17.15	18.10	18.80	² 18.85	² 19.00-20.25	² 19.90-21.10	² 19.75-21.10
Jan. 1	16.75-17.50	18.80	.....	² 19.25-19.50	² 21.10	² 21.10	² 20.25-21.10
Apr. 1 .....	.....	18.80	.....	² 19.50-20.25	² 21.10	² 19.50-21.10	² 20.40-21.10
July 1	18.10	18.80	18.55	² 19.05-20.25	² 21.10	² 19.75-21.10	n.a.
6/10							
Sept. 1	17.40	.....	17.90	² 17.00	² 17.75-18.50	² 18.75-19.75	² 17.75
Jan. 1	16.25-17.40	17.90	.....	² 17.50-18.00	² 19.25	² 18.50-18.75	² 17.75
Apr. 1 .....	.....	17.90	.....	² 18.00-18.50	² 19.75	² 17.75-18.75	² 17.75
July 1 .....	.....	17.90	16.25	² 17.75-18.50	² 18.75-19.75	² 17.75	n.a.

¹West. ²Choice. ³Mid West. ⁴No. 2½.

CANNED FOOD PRICES—Continued

PEACHES	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
Calif., ch. cling hy. syr.							
24/2½							
Sept. 1	13.50-13.80	14.50-14.90	14.40-15.60	16.20	16.40-17.60	17.25-17.95	18.45
Jan. 1	13.54-14.50	15.60	14.60-15.60	16.85	18.45	17.95-19.25	18.45
Apr. 1	13.50-14.50	14.50-15.60	15.10	16.85-17.60	18.45	17.50-18.45	18.45
July 1	14.50	14.50-15.60	15.60	17.60	17.95-18.45	17.50-18.45	n.a.
6/10							
Sept. 1	14.25-14.50	14.25-14.50	12.50-14.50	15.50	16.25-17.00	17.00-17.25	13.75-14.75
Jan. 1	13.50-14.25	14.25-14.50	13.00-14.50	16.50	17.75	15.20-15.75	14.75
Apr. 1	14.25	14.15-14.50	13.50	16.50-17.00	18.25	14.75-15.00	14.75
July 1	14.25	12.50-14.50	14.25	17.00	18.00-18.25	14.75-15.00	n.a.
Calif. Frees. fcy. hy. syr.							
24/2½							
Sept. 1	15.75	16.00-16.25	14.80-16.25	16.45	16.25-17.45	18.00-19.20	19.20
Jan. 1	15.04-15.75	15.50	14.80-16.25	16.70	19.20	19.20	19.20-19.50
Apr. 1	15.10-15.75	15.50-16.25	15.35	16.70	19.20	19.20	19.20-19.50
July 1	16.00-16.25	15.04-16.25	15.85	17.45	19.20	19.20	n.a.
6/10							
Sept. 1	15.50	15.50	14.30-15.55	15.30-15.80	16.05-16.80	17.05-18.05	16.05-17.05
Jan. 1	15.50	14.80-15.55	14.40-15.55	16.30	17.55	17.80-18.05	17.05
Apr. 1	15.50-15.80	14.80-15.55	14.80	16.30-16.80	18.05	17.80-18.05	17.05
July 1	15.50	14.80-15.55	.....	16.80	17.80-18.05	17.05	n.a.
PEARS							
Calif., Bart ch. hy. syr.							
24/2½							
Sept. 1	15.43-15.80	15.50-17.35	15.00-16.50	15.75-16.85	18.60-19.35	20.00-20.60	18.50-19.75
Jan. 1	15.99-16.95	15.00-17.35	15.00-15.25	18.35-18.60	20.20	18.75-19.25	18.50-19.75
Apr. 1	17.05	15.00-15.25	15.25-15.75	18.60-19.35	20.20	18.75-19.75	19.25-20.25
July 1	15.50-17.05	15.25-16.50	15.75-16.25	19.35	20.00-20.60	18.75	n.a.
Choice 6/10							
Sept. 1	16.30	14.50-16.30	13.00-13.75	13.60-15.25	15.50-16.25	19.00	14.50-15.25
Jan. 1	14.50-16.30	13.50-16.30	13.00-14.00	15.25-15.70	17.75	19.00	15.75
Apr. 1	17.10	12.50-14.00	13.50-14.50	15.75-16.25	18.25	17.00-17.25	15.75
July 1	14.50-16.30	14.00-14.50	13.50-14.50	16.25	19.00	15.75	n.a.
FISH							
SALMON							
Alaska Red, 48/15½ oz.							
Sept. 1	102.00	102.00	120.00	105.00	100.00-105.00	106.00-115.00	160.00
Jan. 1	110.00	104.00	126.00	98.00	96.00	110.00-120.00	.....
Apr. 1	106.00	104.00	128.00	100.00	88.00	130.00-150.00	130.00
July 1	112.00	104.00	100.00	100.00-104.00	88.00-100.00	130.00	n.a.
Pink, 48/15½ oz.							
Sept. 1	76.00	74.00	70.00	68.00	68.00-70.00	60.00-64.00	58.00
Jan. 1	80.00	78.00	70.00	67.00	60.00	56.00-60.00	78.00
Apr. 1	78.00	68.00	68.00	68.00	58.00	55.00-58.00	77.00
July 1	88.00	62.00	66.00	68.00-70.00	58.00	58.00	n.a.
Chum, 48/15½ oz.							
Sept. 1	72.00	66.00	60.00	64.00	60.00-62.50	54.00-60.00	54.00
Jan. 1	74.00	68.00	60.00	62.00	55.00	54.00-56.00	66.00
Apr. 1	74.00	56.00	60.00	62.00	52.00	.....	66.00
July 1	76.00	50.00	60.00	62.00-68.00	52.00	54.00	n.a.
TUNA							
Fcy. wh. meat 48/½'s							
Sept. 1	50.50	55.00	50.00	45.25	44.00	42.50	42.50
Jan. 1	52.50-59.00	56.00	51.00	44.00	44.00	42.50	42.50
Apr. 1	52.50	51.00	46.00	44.00	42.50-44.00	42.50	42.50
July 1	55.00	51.00	45.25	44.00	42.50	42.50	n.a.
Fcy. Lgt. meat 48/½'s							
Sept. 1	43.50	45.00	40.00	38.00	36.00	34.00	34.00
Jan. 1	44.50-54.00	44.00	38.00	36.00	35.00	34.00	34.00
Apr. 1	44.00	42.00	36.00	36.00	34.00-35.00	34.00	34.00
July 1	45.00	42.00	35.00	36.00	34.00	34.00	n.a.

GOVERNMENT PURCHASES—SPECIFIED CANNED FOODS MILITARY

Source: Fr. & Veg. Br., Contr. & Prod. Div., Dir. of Subsistence, Defense Personnel Support Center

PACK YEAR	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
CANNED VEGETABLES—Thousands of Cases, Equiv. 24/303										
Asparagus		65.5	19.1	26.8	.....	37.8	23.3	43.2	21.4	18.3
Beans, Gr. & Wax ..	338.7	370.6	367.0	450.7	340.4	357.7	421.7	263.9	399.3	233.1
Beans, Lima	82.5	85.7	74.8	91.5	91.9	72.7	81.7	55.1	73.1	32.5
Bean Sprouts	55.9	27.9	51.9	80.6	75.4	51.3	24.2	65.4	62.7	20.2
Beets	98.2	152.4	191.0	122.4	86.5	108.9	152.1	138.0	78.6	72.9
Carrots	129.9	118.5	125.0	107.5	95.2	118.2	132.9	114.8	109.6	272.2
Catsup	384.9	424.5	442.4	499.0	471.9	342.3	525.9	384.9	428.7	402.7
Chili Sauce	21.2	36.3	28.2	26.8	15.6	44.1	26.3	27.5	24.6	8.0
Corn	441.7	421.6	465.1	402.2	488.2	389.9	278.1	423.7	263.2	357.5
Mushrooms	70.4	83.7	83.8	90.5	113.8	98.7	57.6	63.5	81.1	101.6
Peas	164.8	112.0	211.3	201.9	191.2	159.4	226.3	240.8	162.3	83.4
Pimientos	13.1	31.7	38.8	27.5	17.6	31.3	17.5	18.2	30.7	.....
Potatoes, Sweet... ..	99.8	136.9	107.1	155.4	173.5	124.8	120.4	162.1	113.4	75.2
Pumpkin & Squash ..	.....	16.0	17.0	7.4	10.0	10.4	12.7	15.9	11.7	10.5
Sauerkraut	88.2	30.9	52.0	64.0	82.5	40.9	59.3	60.8	33.6	15.6
Spinach	68.6	51.7	101.6	57.2	36.9	32.2	62.7	25.1	58.4	42.6
Tomatoes	793.7	518.2	518.4	532.6	583.8	425.3	676.5	517.1	576.2	545.1
Tomato Paste	66.1	115.1	89.2	129.6	129.9	118.8	149.4	197.2	154.7	56.5
Total these items..	3,109.8	2,799.4	2,983.9	3,073.4	3,004.3	2,564.7	3,048.6	2,818.2	2,684.0	2,347.9

CANNED FRUITS—Thousands of Cases, Equiv. 24/2½

Apples	44.5	65.3	37.6	29.9	29.3	30.6	22.1	0	33.7	19.0
Applesauce	57.9	80.3	86.3	89.7	54.9	84.9	37.1	56.9	47.6	64.2
Apricots	41.4	43.8	57.8	62.6	20.8	38.6	5.7	4.5	34.5	13.2
Blackberries	2.1	.....	.....	7.2	.....	2.3	0	0	.....	.....
Blueberries .....	.....	.....	.....	.....	.....	0.0	0	0	.....	3.2
Cherries, RSP .....	.....	.....	30.6	7.9	.....	0.0	0	0	9.1	1.7
Cherries, Sweet... ..	9.4	15.0	11.6	12.7	6.3	5.9	6.8	4.8	8.3	.....
Cranberry sauce ..	61.3	63.0	39.2	56.2	33.0	37.8	48.4	33.6	38.2	22.9
Figs	4.1	2.2	1.2	3.1	2.3	1.4	0	0	.....	.....
Fruit cocktail	126.8	181.0	124.0	174.1	135.0	110.8	152.1	145.9	169.2	168.6
Grapefruit	23.1	54.4	19.7	30.9	25.9	32.3	13.9	12.4	19.3	4.0
Olives	10.4	68.3	37.4	66.8	39.7	0.0	0	22.8	84.9	68.2
Peaches	179.4	96.2	251.5	271.1	148.6	142.5	138.2	116.2	162.1	135.0
Pears	101.5	121.1	119.6	147.0	105.3	58.4	120.2	74.1	71.9	94.8
Pineapple .....	.....	115.1	134.1	208.9	252.7	91.1	137.1	132.9	156.4	138.2
Plums (all)	21.3	18.4	13.9	22.7	7.4	6.8	11.7	7.6	10.5	4.8
Prunes	3.8	1.0	1.0	1.0	1.2	0.0	0	0	.....	.....
Total these items ..	698.1	925.0	965.6	1,191.8	862.4	643.4	693.3	611.7	845.7	737.8

CANNED JUICES—Thousands of Cases, Equiv. 24/2

Apple Juice	215.7	138.7	231.3	287.7	272.9	207.9	261.8	152.5	218.8	157.2
Grape Juice	72.2	88.5	50.0	104.8	86.0	89.9	108.7	33.5	51.0	81.9
Grapefruit Juice ..	80.6	96.3	135.4	137.8	137.8	195.2	129.3	131.5	80.0	65.3
Grapefrt & Orange ..	32.7	29.9	32.7	10.0	31.7	24.8	27.7	17.7	21.6	12.6
Orange Juice	92.5	163.8	156.9	210.1	173.8	201.1	161.6	264.9	153.7	241.3
Pineapple Juice ...	148.2	169.4	258.7	138.6	228.8	215.9	297.1	211.1	176.3	273.6
Tomato Juice† ...	64.7	167.5	151.5	154.3	159.1	107.4	76.7	75.2	91.0	58.3
Tomato Juice conc.	93.6	92.2	77.7	55.7	46.0	59.2	6.6	8.1	61.4	30.4
Total these items ..	800.2	946.3	1,094.3	1,099.0	1,136.1	1,101.4	1,074.5	894.5	853.8	920.6

† Includes Vegetable Juice Cocktail.

CHILD NUTRITION PROGRAM*

(Source: Commodity Procurement Br., Fruit & Veg. Div., Agricultural Marketing Service, U.S.D.A.)

PACK YEAR*	1977	1978	1979	1980	1981	1982	1983	1984	1985	**1986
CANNED VEGETABLES—Thousands of Cases, Equiv. 24/303										
Beans Gr.	969.4	.....	1,208.2	866.1	1,040.7	1,015.7	834.0	980.1	828.8	869.7
Beans, Vegt.	798.3	1,489.8	1,172.6	994.4	834.0	773.4	762.7	1,040.7	714.5	832.2
Beans, Other ¹ ....	.....	.....	670.0	762.7	413.4	420.6	402.7	513.3	585.9	477.6
Corn	1,695.7	948.0	2,031.5	905.3	.....	.....	630.9	1,005.0	1,281.6	749.2
Peas.	869.6	766.3	816.2	883.9	502.5	680.7	481.1	.....	521.6	515.2
Potatoes, sweet... ²	†330.2	†780.8	†870.3	†524.2	†449.1	†862.5	345.7	463.3	743.1	401.1
Tomatoes	1,860.4	1,486.2	2,858.3	417.0	.....	.....	666.5	1,072.8	818.1	815.6
Tomato Catsup... ³	1,229	509.7	1,232.6	1,108.4	.....	.....	.....	.....	.....	.....
Tomato Paste... ⁴	1,026.4	1,119.1	2,052.9	384.9	.....	.....	.....	1,414.9	721.7	730.4
Total	8,779.6	7,099.9	12,912.6	6,846.9	3,239.7	3,752.9	4,123.6	6,490.1	6,219.8	5,391.0
CANNED FRUITS—Thousands of Cases, Equiv 24/2½										
Applesauce	815.7	1,398.6	1,224.5	1,230.6	916.9	876.4	763.0	1,079.0	1,200.0	733.4
Apricots	115.4	.....	419.0	312.8	.....	.....	.....	443.3	.....	.....
Cranberry Sauce ..	315.7	214.5	.....	.....	.....	.....	.....	.....	.....	.....
Fruit Cocktail ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mixed Fruit	439.2	.....	.....	.....	453.4	463.5	.....	.....	.....	.....
Peaches	2,131.3	657.8	787.3	1,129.4	1,856.0	1,226.5	759.0	665.9	542.3	642.9
Pears	1,151.7	.....	900.7	1,224.5	916.9	846.0	1,261.0	718.5	230.7	929.1
Pineapple	479.7	647.6	653.8	459.4	481.7	477.7	.....	.....	425.6	2.4
Plums ....	.....	204.4	46.6	.....	137.6	.....	93.1	.....	.....	85.1
Total	5,448.7	3,122.9	4,031.9	4,356.7	4,762.5	3,890.1	2,876.1	2,906.7	2,398.6	2,392.9
CANNED JUICES—Thousands of Cases, Equiv. 24/2										
Apple	118.4	912.2	871.9	443.5	.....	.....	.....	.....	.....	.....
Tomato	168.8	279.7	481.3	.....	.....	.....	.....	.....	.....	.....
Misc.	231.8	.....	.....	.....	3544.3	3498.7	.....	4264.6	.....	.....
Total	519.0	1,191.9	1,353.2	443.5	544.3	498.7	.....	264.6	.....	.....

*Beginning 1975 includes small quantities utilized in elderly feeding programs and nonprofit institutions. Pack year beg. July 1. **7/1/86 thru 3/31/87. †Includes dehydrated sweet potatoes. ¹Pinto, small red, blackeyes, red kidney, baby lima and great northern. ²Orange. ³Grapefruit. ⁴Grape.

DOMESTIC FEEDING PROGRAMS*

(Source: Commodity Procurement Br., Fruit & Veg. Div., Agricultural Marketing Service, U.S.D.A.)

PACK YEAR*	1977	1978	1979	1980	1981	1982	1983	1984	1985	**1986
CANNED VEGETABLES—Thousands of Cases, Equiv. 24/303										
Beans, Gr.	14.0	81.2	81.2	100.8	81.2	81.2	79.8	119.0	53.2	56.0
Beans, Vegt.	58.8	72.8	47.6	56.0	86.8	514.5	114.8	114.8	103.6	84.6
Corn	78.4	170.8	56.0	67.2	61.2	464.3	105.0	141.4	103.6	170.8
Peas.	44.8	28.0	78.4	50.4	39.2	47.6	54.6	60.2	67.2	47.6
Potatoes, Sweet... ¹	.....	.....	25.2	22.4	16.8	329.4	47.6	26.6	42.0	42.0
Tomatoes	75.6	95.2	.....	14.0	36.4	75.6	56.0	14.0	64.4	67.2
Other ¹ ....	.....	.....	67.2	130.9	61.0	151.2	110.6	82.6	130.2	98.0
Total	271.6	448.0	355.6	441.7	382.6	1,663.8	568.4	558.6	564.2	566.2
CANNED FRUITS—Thousands of Cases Equiv. 24/2½										
Peaches	24.0	26.0	62.9	66.6	25.9	256.2	50.3	39.1	64.2	11.2
Pears	9.3	33.3	44.4	29.6	37.0	44.5	3260.4	46.3	67.4	65.8
Pineapple ....	.....	38.9	14.6	13.0	12.9	29.2	37.3	26.0	22.0	32.0
Other ²	9.6	.....	81.6	119.1	56.4	349.7	142.1	177.9	134.8	142.5
Total	42.9	98.2	203.5	228.3	132.2	679.6	490.1	289.3	288.4	251.5
CANNED JUICES—Thousands of Cases Equiv. 24/2										
Apple Juice	156.2	123.5	90.7	115.9	166.3	209.2	241.9	320.0	426.2	186.6
Grape Juice ....	.....	.....	.....	.....	.....	.....	.....	370.4	297.6	211.8
Grapefruit Juice... ³	.....	.....	60.5	63.0	85.7	499.0	68.0	17.6	85.7	74.4
Orange Juice	375.5	572.0	184.0	388.1	507.2	622.4	718.2	302.4	158.9	529.6
Pineapple Juice... ⁴	.....	80.7	168.8	136.1	153.8	194.0	216.7	281.0	232.4	100.5
Tomato Juice† ...	.....	47.9	85.6	55.4	52.9	85.7	80.6	73.1	109.7	45.5
Total	531.7	824.1	589.6	758.5	965.9	1,610.3	1,325.4	1,364.5	1,310.5	1,148.3

*Pack year beginning July 1. **7/1/86 thru 3/31/87. †Includes Vegetable Juice Cocktail. ¹Includes carrots, white potatoes, pumpkin, spinach. ²Includes applesauce, apricots, fruit cocktail, purple plums. ³Includes quantities purchased for Emergency feeding program (Publaw 98-8 Jobs Bill) as follows: Beans vegt. 427.7, Potatoes Sw. 301.4, Corn 324.3, Applesauce 230.7, Peaches 190.3, Grapefruit Juice 385.6 and in 1983-84 Pears 238.9.

GOVERNMENT PURCHASES—SPECIFIED FROZEN FOODS¹

MILITARY

Source: Fr. & Veg. Br., Contr. & Prod. Div., Dir. of Subsistence, Defense Personnel Support Center

Thousands of Pounds

PACK YEAR	1980	1981	1982	1983	1984	*1985	*1986
VEGETABLES							
Asparagus	861.0	1,329.0	1,027.0	423.0	802.0	1,196.0	672.0
Beans, Green & Wax	3,326.0	3,863.0	3,452.0	2,747.0	3,189.6	2,235.9	677.5
Beans, Lima	1,519.0	1,494.0	1,470.0	781.8	919.6	908.0	1,171.3
Broccoli	3,505.0	3,475.0	3,394.9	3,325.0	3,427.0	3,039.0	3,894.7
Brussel Sprouts	2,110.0	2,017.0	1,979.0	1,706.0	1,776.4	1,517.3	1,547.1
Carrots	963.0	1,107.0	1,122.0	1,112.0	838.0	1,244.2	1,282.4
Cauliflower	2,600.0	2,314.0	2,174.0	2,024.0	2,145.0	2,288.9	2,821.0
Corn	6,701.5	5,547.0	5,463.0	6,349.6	2,461.7	6,054.2	6,932.2
Greens	1,814.0	1,732.0	1,731.0	1,283.9	1,718.4	1,538.8	1,308.7
Okra	366.0	256.0	384.0	420.0	318.9	373.0	441.4
Onion Rings	1,186.2	1,360.0	1,153.0	1,102.0	1,575.2	1,000.1	2,017.5
Peas	2,597.0	2,828.0	2,650.0	2,133.0	2,253.0	2,312.1	2,756.1
Peas & Carrots	1,478.0	1,170.0	1,439.0	1,060.0	3,309.3	1,066.5	1,333.6
Peppers, Sweet	65.0	40.0	40.0	58.0	76.0	20.0	40.2
Potatoes, Diced	596.0	486.0	356.0	328.0	366.0	328.0	400.0
Potatoes, French fried	30,210.8	33,904.6	31,288.4	30,874.5	30,283.6	27,884.9	25,234.7
Potatoes, Shoestring	3,332.7	3,035.0	2,859.0	2,529.7	2,811.6	3,141.4	4,586.0
Potatoes, Shredded	6,281.7	6,470.4	6,819.0	4,670.6	6,380.1	6,621.6	8,385.5
Spinach	1,699.0	1,896.0	2,028.0	2,479.4	1,966.4	1,596.1	2,084.3
Squash	978.0	854.0	1,024.0	812.0	1,045.1	1,760.0	1,412.0
Succotash	1,383.0	1,142.5	1,478.7	1,381.0	714.3	1,671.6	1,245.5
Vegetables, Mixed	3,652.3	3,156.5	2,858.0	3,666.0	2,044.3	2,188.6	3,106.5
Total Above	77,225.2	79,477.0	76,190.0	71,266.5	70,421.5	69,986.2	73,350.0
FRUITS							
Blueberries	174.0	38.0	36.0	75.0	111.0	147.0	83.0
Cherries	128.0	.....	29.0	0.0	.....	.....	.....
Peaches	528.0	171.0	62.0	55.0	226.0	.....	144.0
Raspberries	56.0	.....	0.0	36.0	.....	.....	.8
Strawberries	1,168.0	1,573.0	1,261.0	1,300.0	1,742.0	1,680.5	496.0
Total Above	2,054.0	1,782.0	1,388.0	1,466.0	2,079.0	1,827.5	723.8
JUICES*, CONCENTRATED, conc. basis							
Grape Juice	2,630.9	2,454.5	2,891.7	3,924.9	3,957.6	141,385	157,007
Grapefruit Juice	374.6	384.2	347.8	592.6	624.4	28,648	104,259
Lemon Juice	72.0	77.0	66.6	40.8	42.8	7,983	88,699
Lime Juice .....	.....	.7	0.0	0.0	.....	.....	.....
Orange Juice	6,924.6	7,039.9	7,545.8	10,885.3	12,862.4	398,807	641,516
Total Above	10,002.0	9,956.3	10,851.9	15,443.6	17,487.2	576,823	991,481

*Juices reported on basis of cases of 12/32 oz. containers (concentrated product) beginning 1985. 1985 Data revised with the 1987 Almanac.

USDA—CHILD NUTRITION

(Includes small quantities used for elderly)

(Source: Commodity Procurement Br., Fruit & Veg. Div., Agricultural Marketing Service, U.S.D.A.)

Thousands of Pounds

PACK YEAR ¹	1978	1979	1980	1981	1982	1983	1984	1985	² 1986
Beans, Green .....	.....	3,366	5,082	1,848	1,254	726	1,056	396	1,014
Corn	13,331	7,722	.....	.....	.....	4,554	3,894	1,056	1,794
Peas	10,940	8,910	8,118	.....	2,178	1,056	.....	1,452	2,847
Potato Rounds	58,500	72,996	20,130	9,900	43,230	.....	24,156	54,258	28,386
Potatoes, French Fried ...	67,080	79,596	.....	12,672	47,257	37,554	19,734	50,124	28,233
Vegetables, Mixed	20,592	22,440	.....	.....	.....	.....	18,612	16,632	14,407
Total	170,443	195,030	33,330	24,420	93,919	43,890	67,452	123,918	76,681
Blueberries .....	.....	.....	.....	.....	.....	560	5,563	6,923	.....
Cherries, RTP .....	.....	.....	.....	19,650	8,888	.....	13,200	21,562	10,458
Lemon Juice (Conc.) .....	.....	.....	.....	.....	2,268	.....	.....	.....	.....
Orange Juice (Conc.) .....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹July 1 thru June 30 beginning year shown.

²7/1/86 thru 3/31/87.

CIVILIAN PER CAPITA CONSUMPTION

FOOD CONSUMPTION TRENDS

Per Capita Consumption—Pounds Retail Weight

Item	1945-49	1950-54	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84
Red meats:¹								
Beef.....	50.2	53.5	63.8	68.0	78.5	83.8	87.9	77.6
Veal.....	9.3	7.5	7.0	4.6	3.4	2.0	2.8	1.6
Pork.....	64.6	62.7	60.0	59.8	58.2	62.5	56.0	r63.3
Lamb.....	5.1	3.7	4.0	4.3	3.4	2.6	1.5	1.5
Total.....	129.2	127.5	134.8	136.7	143.5	150.9	148.2	144.0
Fishery products:								
Fresh & frozen...	6.0	6.3	5.7	5.8	6.1	7.0	7.9	8.0
Canned & cured	4.6	5.1	4.8	4.7	4.8	5.1	5.0	4.7
Poultry products:								
Chicken.....	19.4	21.8	25.6	29.9	36.1	40.7	44.8	52.9
Turkey.....	3.4	4.7	5.7	6.9	8.0	8.5	9.2	r11.0
Eggs.....	47.2	48.4	45.8	41.2	40.0	40.0	34.7	33.6
Dairy products:								
Whole milk.....	313.4	289.1	279.0	234.5	233.2	198.3	163.2	133.9
Other milk bev....	34.6	30.4	28.8	33.1	46.1	68.6	91.5	104.5
Cream & specialties	12.5	10.3	9.0	8.0	6.2	5.4	5.6	6.2
Cheese ²	6.9	7.6	7.9	8.9	10.1	13.0	16.1	19.7
Frozen desserts...	21.0	21.2	24.3	26.5	28.3	28.0	27.5	26.6
Dry milk products	3.9	5.1	6.6	7.2	7.3	7.2	6.3	r6.3
Fats and oils:³								
Butter.....	10.6	9.3	8.4	7.2	5.7	4.9	4.4	r4.6
Margarine.....	5.0	7.4	8.4	9.4	10.5	11.0	11.3	10.9
Shortening.....	9.6	10.4	11.3	13.3	15.9	17.1	17.6	19.0
Lard & tallow...	12.7	12.9	12.0	6.9	5.5	3.8	2.6	3.8
Other fats & oils..	6.9	8.7	10.8	12.3	15.3	19.0	21.2	23.0
Fresh fruits:								
Total.....	130.8	107.6	93.1	80.6	78.1	76.2	81.0	r86.0
Citrus.....	55.1	41.7	35.1	27.5	28.1	27.2	26.3	r25.5
Noncitrus.....	75.7	65.9	58.0	53.1	50.0	49.0	54.7	r60.5
Processed fruits:								
Canned fruit.....	18.4	20.6	22.2	22.9	23.0	21.4	18.5	r17.0 ⁴
Frozen & dried fruit	7.3	6.8	7.1	6.7	6.5	5.8	5.6	5.9 ⁴
Canned juices...	15.2	13.7	13.3	7.0	12.0	14.3	15.2	17.9
Frozen citrus juice ⁵	.7	10.1	15.6	16.7	18.8	27.6	34.4	36.4
Vegetables:								
Fresh ⁶	95.2	85.1	84.6	85.6	90.9	90.0	93.5	r102.3 ⁴
Canned.....	41.7	41.3	43.0	43.3	46.0	48.0	48.0	43.6 ⁶
Frozen.....	2.4	4.4	6.1	7.2	8.9	10.0	10.3	11.2
Potatoes:⁷								
Total, fresh equiv.	117.2	107.4	106.6	108.7	112.3	116.1	118.9	r115.6
Fresh.....	104.5	92.2	86.1	74.2	63.0	51.5	50.5	r45.4
Processed.....	1.6	3.3	5.2	9.3	14.7	20.2	22.9	r26.3
Wheat flour.....	145.8	130.6	120.8	116.1	112.7	111.0	116.3	r117.1
Rice.....	4.7	5.4	5.5	6.7	7.7	7.2	7.5	r10.1
Corn products ⁸	20.5	16.6	14.5	14.7	15.2	12.7	14.0	r14.4
Pasta ⁹						r8.5	r10.1	r10.2
Sugar.....	86.9	79.9	96.5	97.5	98.6	100.5	91.5	75.1
Corn sweeteners...	10.7	8.9	9.2	11.7	19.8	26.9	40.4	r64.4
Coffee (gallons)....	43.0	38.4	37.1	37.6	35.2	32.2	27.1	r26.5
Tea (gallons).....	6.0	5.8	5.8	5.9	6.5	7.1	7.4	r7.0
Soft drinks (gal.)...	n.a.	n.a.	n.a.	16.1	21.5	25.5	32.7	40.3

n.a. - Not available. ¹Excludes consumption of game meat and edible offals. ²Excludes cottage cheese.
³Product weight. ⁴Average only for 1980-81 due to lack of data. ⁵Excludes consumption of produce from home gardens. ⁶Average only for 1980-82 due to lack of data. ⁷Excludes sweet potatoes and consumption of produce from home gardens. ⁸Cornmeal, flour, hominy, and breakfast cereals. ⁹Includes macaroni, spaghetti, noodles, and other macaroni products. Excludes fresh pasta products. r - revised with The 1987 Almanac.

APPENDIX—PER CAPITA CONSUMPTION—Continued
FRUIT JUICES—CANNED CHILLED & FROZEN¹

Per Capita Consumption—Pounds Processed Weight

Year	Canned										Total canned
	Citrus				Noncitrus ²						
	Orange	Grape- fruit	Other	Total	Apple	Fruit nectars	Grape	Pine- apple	Prune	Total	
1964....	1.2	1.1	1.6	3.9	1.5	.028	.065	3.6	1.1	7.1	11.0
1965....	1.2	1.3	1.2	3.8	1.5	.38	.74	3.0	1.2	6.8	10.6
1966....	1.5	1.7	1.4	4.7	1.2	.40	.63	3.7	1.1	7.0	11.6
1967....	1.6	2.3	1.5	5.4	1.4	.39	.67	2.7	1.1	6.2	11.6
1968....	1.2	2.2	1.2	4.6	1.7	.37	.55	3.7	.8	7.0	11.7
1969....	1.3	2.9	2.4	6.7	2.4	.41	.54	3.4	1.1	7.9	14.6
1970....	1.7	3.0	1.8	6.5	2.7	.70	.58	3.0	1.1	8.0	14.5
1971....	1.6	3.3	1.8	6.6	3.2	.68	.70	2.7	1.1	8.4	15.0
1972....	1.5	3.3	2.0	6.7	2.6	.56	.54	2.8	.7	7.2	13.9
1973....	1.7	3.4	2.0	7.1	2.6	.51	.56	3.3	1.0	7.9	15.0
1974....	1.5	3.5	1.3	6.3	2.5	.53	.67	2.3	.7	6.7	13.0
1975....	1.5	3.4	2.5	7.4	2.9	.78	.58	2.1	.8	7.2	14.6
1976....	1.4	3.4	2.2	6.9	3.3	.77	.56	1.9	1.0	7.5	14.5
1977....	1.4	3.1	1.4	6.0	3.3	.67	.45	2.3	.9	7.6	13.6
1978....	1.7	3.5	1.7	7.0	4.3	.76	.92	2.6	.9	9.5	16.5
1979....	2.0	3.4	1.5	6.9	5.3	.56	.64	2.7	.8	10.0	16.9
1980....	2.0	2.9	2.1	7.0	4.8	.68	.65	2.7	.9	9.6	16.7
1981....	2.2	2.4	2.9	7.5	6.4	.70	.68	2.8	.9	11.6	19.1
1982....	1.8	2.1	0.8	4.7	7.2	.52	.64	n.a.	.8	n.a.	n.a.
1983....	1.2	1.6	3.1	5.9	8.6	.36	.91	n.a.	.6	n.a.	n.a.
1984....	1.5	1.2	1.1	3.8	n.a.	.27	.75	n.a.	.7	n.a.	n.a.
1985....	.8	1.3	n.a.	n.a.	n.a.	.41	.51	n.a.	.6	n.a.	n.a.

	Chilled ³			Frozen citrus						Total juice	
				Orange		Other ⁴		Total			
	Orange	Grape- fruit	Total	Product weight ⁵	S.S. Basis	Product weight ⁵	S.S. Basis	Product weight ⁵	S.S. Basis	Product weight	S.S. Basis
1964....	1.3	0.07	1.4	3.5	12.2	0.9	1.6	4.3	13.8	16.7	26.2
1965....	1.9	.05	2.0	4.2	14.7	.8	1.4	5.0	16.1	17.6	28.7
1966....	3.0	.14	3.2	4.0	13.9	.7	1.3	4.7	15.2	19.5	30.0
1967....	4.2	.23	4.4	5.7	20.2	.8	1.6	6.6	21.8	22.6	37.8
1968....	4.0	.24	4.2	5.7	20.1	.7	1.2	6.4	21.3	22.3	37.2
1969....	3.9	.30	4.2	5.2	18.3	.6	1.2	5.8	19.4	24.5	38.1
1970....	4.4	.34	4.7	5.9	20.8	.6	1.4	6.6	22.2	25.8	41.4
1971....	4.3	.42	4.8	6.9	24.4	.7	1.5	7.6	25.9	27.4	45.7
1972....	4.6	.62	5.2	7.9	27.9	.8	1.8	8.7	29.7	27.8	48.8
1973....	4.7	.55	5.2	7.7	27.1	.9	1.8	8.6	28.9	28.8	49.1
1974....	4.6	.52	5.2	8.4	29.6	.8	1.8	9.2	31.4	27.4	49.6
1975....	5.0	.62	5.6	9.4	33.0	1.5	2.5	10.8	35.5	31.0	55.7
1976....	5.4	.73	6.1	9.8	34.5	.7	1.0	10.5	35.5	30.1	56.4
1977....	5.0	.70	5.7	9.7	34.3	1.1	2.8	10.8	37.1	31.7	53.2
1978....	5.3	.75	6.0	7.8	27.7	1.4	3.0	9.2	30.7	32.2	55.6
1979....	4.9	.57	5.4	8.6	30.5	1.2	2.8	9.9	33.3	32.4	56.7
1980....	5.2	.65	5.8	9.0	31.9	.8	2.3	9.9	34.2	32.4	56.7
1981....	3.6	.49	4.1	8.6	30.3	1.2	3.0	9.8	33.3	33.0	56.5
1982....	3.2	.31	3.5	9.5	33.4	1.6	3.7	11.1	37.1	n.a.	n.a.
1983....	3.9	.23	4.1	11.1	38.9	1.1	2.9	12.2	41.8	n.a.	n.a.
1984....	3.4	.23	3.7	9.5	r33.5	r1.0	2.2	r10.5	r35.7	n.a.	n.a.
1985....	3.0	.20	3.2	11.3	39.9	1.6	4.3	12.9	44.2	n.a.	n.a.

n.a. - Not available. ¹Calendar year basis except for citrus juices which are on a pack-year basis. Excludes cranberry juice. ²Includes single-strength equivalent of frozen noncitrus juices. ³Single-strength equivalent. ⁴Includes orange juice used in blends. ⁵Includes single-strength and concentrated juices. r - Revised with The 1987 Almanac.

APPENDIX—PER CAPITA CONSUMPTION—Continued

FRUITS—CANNED & CHILLED

Per Capita Consumption—Pounds Processed Weight

Year	Apples and applesauce	Apricots	Berries	Cherries	Cran- berries	Salad and cocktail	Peaches ¹
1964.....	3.7	1.0	0.1	1.3	0.7	2.6	6.6
1965.....	3.8	1.1	.1	1.1	.8	2.9	6.7
1966.....	3.3	1.1	.2	1.0	.8	3.0	6.2
1967.....	3.7	.9	.2	.8	.8	2.7	6.1
1968.....	3.5	.9	.1	.7	.9	2.8	5.7
1969.....	3.6	.9	.1	1.0	.8	3.2	6.9
1970.....	3.7	1.0	.1	.9	.9	3.2	5.9
1971.....	3.6	1.0	.1	.9	.8	2.6	5.4
1972.....	3.5	.7	.1	.7	.8	2.6	5.7
1973.....	3.4	.8	.1	.7	1.0	3.0	4.9
1974.....	3.1	.6	.1	.7	.9	2.7	4.9
1975.....	3.1	.5	.1	.8	.7	2.6	4.9
1976.....	2.3 ²	.6	.1	.7	.7	2.7	4.9
1977.....	2.5	.6	.1	.6	.7	2.7	5.0
1978.....	2.6	.4	.1	.7	.8	2.8	4.2
1979.....	2.5	.4	.1	.7	.8	2.6	4.0
1980.....	2.4	.5	.1	.9	.8	2.5	3.9
1981.....	2.0	.4	.1	.7	.7	2.2	3.6
1982.....	2.0	.4	.1	.5	.7	2.2	3.7
1983.....	2.4	.3	.1	.5	.7	1.7	3.5
1984.....	n.a.	.3	.1	.5	n.a.	1.7	3.3
1985.....	n.a.	.3	.1	.6	n.a.	1.9	2.9

	Pears	Pineapples	Plums and prunes	Olives	Citrus sections	Chilled citrus sections	Total	
							Previously reported ³	Currently reported ^{3, 4}
1964.....	1.6	3.2	0.3	1.0	0.8	0.4	23.4	14.6
1965.....	1.9	3.1	.3	.7	.9	.3	23.8	14.9
1966.....	1.9	3.1	.4	.8	1.0	.5	23.4	14.7
1967.....	1.8	3.1	.4	.9	1.1	.5	23.1	13.9
1968.....	1.4	3.7	.3	.7	1.1	.4	22.3	12.7
1969.....	2.0	3.4	.3	1.2	.8	.4	24.6	15.6
1970.....	2.0	3.3	.3	1.1	.9	.4	23.8	14.6
1971.....	2.0	3.3	.3	.9	.9	.3	22.1	13.2
1972.....	2.0	3.4	.2	.7	.8	.3	21.6	12.8
1973.....	2.2	3.4	.2	.7	.8	.3	21.5	12.6
1974.....	1.7	2.6	.2	.9	.8	.3	19.5	11.8
1975.....	1.9	2.6	.2	.9	.7	.3	19.3	11.9
1976.....	2.1	2.7	.2	1.0	.6	.3	18.9	12.3
1977.....	2.2	2.8	.2	1.0	.6	.2	19.2	12.4
1978.....	1.8	3.0	.2	.6	.7	.2	18.1	10.8
1979.....	1.8	3.0	.2	1.0	.7	.2	18.0	10.8
1980.....	1.8	3.0	.1	.8	.6	.2	17.6	10.6
1981.....	1.6	3.0	.2	1.0	.7	.2	16.5	10.0
1982.....	1.9	n.a.	.2	.7	.6	.2	n.a.	r9.7
1983.....	1.8	n.a.	.1	1.3	.6	.2	n.a.	r9.3
1984.....	1.6	n.a.	.1	1.2	n.a.	n.a.	n.a.	r8.9
1985.....	1.3	n.a.	.1	1.2	n.a.	n.a.	n.a.	8.5

n.a. - Not available. ¹Includes spiced cling peaches until 1981. ²Not comparable to previous years.
³Includes figs prior to 1973. ⁴Total includes only those items reporting for the entire series. r -
 Revised with The 1987 Almanac.

APPENDIX—PER CAPITA CONSUMPTION—Continued

FRUITS—FROZEN

Per Capita Consumption—Pounds Processed Weight

Year	Berries					Other					Total
	Black-berries	Rasp-berries	Straw-berries	Blue-berries	Total ¹	Apples	Apri-cots	Cherries	Peaches	Total ²	
1964....	0.12	0.17	1.3	0.18	1.8	0.44	0.06	0.62	0.24	1.7	3.6
1965....	.13	.13	1.4	.19	1.8	.45	.06	.78	.32	1.8	3.7
1966....	.07	.15	1.4	.15	1.8	.39	.10	.74	.30	1.8	3.6
1967....	.12	.17	1.4	.17	1.9	.55	.10	.54	.30	1.8	3.7
1968....	.17	.18	1.4	.25	2.1	.49	.08	.53	.29	1.7	3.8
1969....	.14	.14	1.4	.21	2.0	.54	.06	.60	.29	1.8	3.8
1970....	.11	.16	1.2	.21	1.7	.48	.06	.61	.26	1.6	3.3
1971....	.16	.16	1.4	.18	2.0	.54	.07	.67	.25	1.7	3.7
1972....	.11	.12	1.4	.18	1.8	.67	.04	.64	.31	1.8	3.6
1973....	.08	.10	1.2	.18	1.6	.62	.08	.82	.22	1.9	3.5
1974....	.06	.09	1.1	.14	1.5	.33	.06	.50	.28	1.3	2.8
1975....	.08	.10	1.4	.19	1.8	.47	.07	.44	.28	1.4	3.2
1976....	.12	.13	1.3	.13	1.7	.39	.06	.68	.13	1.4	3.1
1977....	.12	.13	1.2	.13	1.6	.44	.07	.63	.28	1.6	3.2
1978....	.10	.10	1.4	.11	1.7	.39	.07	.64	.27	1.6	3.3
1979....	.06	.08	1.1	.13	1.4	.33	.06	.53	.21	1.3	2.7
1980....	.02	.08	1.4	.19	1.7	.35	.06	.49	.27	1.4	3.1
1981....	.04	.08	1.3	.17	1.6	.37	.05	.50	.19	1.3	2.9
1982....	.09	.07	1.2	.11	1.4	.43	.06	.61	.23	1.5	3.0
1983....	.08	.07	1.2	.05	1.4	.32	.07	.63	.31	1.5	2.9
1984....	.05	.06	1.3	.22	1.6	.37	.06	.55	.26	1.4	3.1
1985....	.06	.10	1.3	.25	1.7	.40	.07	.60	.37	1.6	3.3

¹Includes other berries not listed separately.

²Includes grapes & pulp, plums, prunes & misc. not listed separately.

FISHERY PRODUCTS¹

Per Capita Consumption—Pounds Edible Weight

Year	Fresh and frozen			Canned						Cured	Total
	Fish	Shell-fish	Total	Salmon	Sardines	Tuna	Shell-fish	Other	Total		
1964....	3.8	2.1	5.9	0.7	0.3	2.0	0.5	0.6	4.1	0.5	10.5
1965....	3.8	2.2	6.0	.9	.3	2.3	.4	.4	4.3	.5	10.8
1966....	3.9	2.2	6.1	.8	.4	2.3	.4	.4	4.3	.5	10.9
1967....	3.6	2.2	5.8	.7	.4	2.4	.5	.3	4.3	.5	10.6
1968....	4.0	2.2	6.2	.7	.4	2.4	.5	.3	4.3	.5	11.0
1969....	4.4	2.2	6.6	.7	.4	2.4	.5	.2	4.2	.4	11.2
1970....	4.5	2.4	6.9	.7	.4	2.5	.5	.4	4.5	.4	11.8
1971....	4.3	2.4	6.7	.7	.4	2.4	.5	.3	4.3	.5	11.5
1972....	4.7	2.4	7.1	.7	.4	2.9	.5	.4	4.9	.5	12.5
1973....	5.2	2.2	7.4	.4	.5	3.1	.5	.5	5.0	.4	12.8
1974....	4.4	2.5	6.9	.3	.4	3.1	.5	.4	4.7	.5	12.1
1975....	4.9	2.6	7.5	.3	.2	2.9	.5	.4	4.3	.4	12.2
1976....	5.6	2.6	8.2	.3	.3	2.8	.4	.4	4.2	.5	12.9
1977....	5.1	2.6	7.7	.5	.3	2.8	.6	.4	4.6	.4	12.7
1978....	5.5	2.6	8.1	.6	.3	3.3	.5	.3	5.0	.3	13.4
1979....	5.4	2.4	7.8	.5	.3	3.2	.5	.3	4.8	.4	13.0
1980....	5.5	2.5	8.0	.5	.3	2.9	.5	.3	4.5	.3	12.8
1981....	5.0	2.8	7.8	.5	.4	3.1	.5	.3	4.8	.3	12.9
1982....	5.1	2.6	7.7	.5	.3	2.7	.4	.4	4.3	.3	12.3
1983....	5.2	2.8	8.0	.5	.2	3.1	.6	.4	4.8	.3	13.1
1984....	5.3	3.0	8.3	.6	.2	3.2	.4	.5	4.9	.3	13.6
1985....	5.2	3.8	9.0	.5	.3	3.3	.5	.5	5.1	.3	14.4
1986....	n.a.	n.a.	9.0	.5	.3	3.6	.4	.6	5.4	.3	14.7

¹Excludes game fish consumption.

APPENDIX—PER CAPITA CONSUMPTION—Continued

*VEGETABLES, SELECTED—FRESH, CANNED, FROZEN

Per Capita Consumption—Pounds Fresh Equivalent

Source: U.S.D.A., Economic Research Service

Commodity	r1975	r1976	r1977	r1978	r1979	r1980	r1981	r1982	r1983	r1984	r1985
Asparagus:											
Fresh.....	0.41	0.43	0.32	0.30	0.27	0.32	0.34	n.a.	n.a.	0.42	0.50
Canned.....	.32	.42	.65	.42	.32	.29	.33	0.13	0.32	.22	.28
Frozen.....	.21	.26	.21	.18	.17	.13	.11	n.a.	.12	.08	.10
Total.....	.94	1.11	1.18	.90	.76	.74	.78	n.a.	n.a.	.72	.88
Beans, lima:											
Canned.....	.37	.41	.47	.39	.22	.19	.17	.17	.16	.13	n.a.
Frozen.....	1.13	.98	1.10	1.03	1.03	.99	1.06	.99	.65	.77	n.a.
Total.....	1.50	1.39	1.57	1.42	1.25	1.18	1.23	1.16	.81	.90	n.a.
Beans, snap:											
Canned.....	4.48	2.90	4.93	5.10	5.87	4.06	3.68	3.33	3.46	4.82	4.51
Frozen.....	1.16	1.53	1.39	1.39	1.40	1.36	1.67	1.53	1.48	1.81	1.87
Total.....	5.64	4.43	6.32	6.49	7.27	5.42	5.35	4.86	4.94	6.63	6.38
Broccoli:											
Fresh.....	.99	1.08	1.23	1.10	1.38	1.57	1.83	2.20	2.26	2.70	2.86
Frozen.....	1.03	1.15	1.13	1.36	1.33	1.37	1.42	1.36	1.39	1.41	1.55
Total.....	2.02	2.23	2.36	2.46	2.71	2.94	3.25	3.56	3.65	4.11	4.41
Cabbage:											
Fresh.....	9.10	8.80	8.50	8.90	8.50	8.60	8.60	n.a.	n.a.	n.a.	n.a.
Canned ³	2.08	2.21	2.18	2.06	2.40	2.44	1.94	1.84	2.58	n.a.	n.a.
Total.....	11.18	11.01	10.68	10.96	10.13	11.44	10.54	21.08	n.a.	n.a.	n.a.
Corn ² :											
Fresh.....	7.77	8.15	7.76	7.41	7.32	7.32	7.24	7.24	7.39	7.70	7.70
Canned.....	14.17	13.93	13.73	13.23	13.07	10.18	11.89	12.41	9.78	11.97	11.54
Frozen.....	6.96	6.22	7.21	7.75	7.31	6.75	7.23	9.64	7.66	8.17	9.23
Total.....	28.90	28.30	28.70	28.39	27.70	24.25	26.36	29.29	24.83	27.84	28.47
Carrots:											
Fresh.....	6.44	6.41	5.07	5.58	6.43	7.01	7.14	7.30	7.49	7.95	7.64
Processed.....	2.95	3.23	3.96	3.82	3.90	2.93	3.21	3.61	3.27	3.50	3.24
Total.....	9.39	9.64	9.03	9.40	10.33	9.94	10.35	10.91	10.76	11.45	10.88
Cauliflower:											
Fresh.....	.92	1.03	1.09	.88	1.27	1.32	1.63	1.59	1.69	2.19	2.22
Frozen.....	.59	.62	.68	.76	.67	.78	.91	.89	.85	.95	.86
Total.....	1.51	1.65	1.77	1.64	1.94	2.10	2.54	2.48	2.54	3.14	3.08
Cucumbers:											
Fresh.....	3.10	3.60	3.90	4.20	4.30	4.30	4.40	n.a.	n.a.	n.a.	n.a.
Canned ⁴	5.76	6.14	6.03	6.15	6.19	5.82	5.55	5.16	n.a.	n.a.	n.a.
Total.....	8.86	9.74	9.93	10.35	10.49	10.12	9.95	n.a.	n.a.	n.a.	n.a.
Peas, green:											
Canned.....	2.44	2.42	2.25	2.08	4.61	2.16	1.98	2.06	1.90	3.18	3.03
Frozen.....	1.69	2.06	1.86	1.66	1.44	2.04	1.68	.97	1.73	1.81	1.64
Total.....	5.13	4.48	4.11	3.74	6.05	4.20	3.66	3.03	3.63	4.99	4.67
Spinach:											
Fresh.....	.50	.50	.60	.60	.70	.80	1.00	n.a.	n.a.	n.a.	n.a.
Canned.....	.48	.46	.46	.54	.74	.46	.43	.42	n.a.	n.a.	n.a.
Frozen.....	.92	1.01	1.03	1.05	1.01	1.08	1.07	.98	.94	n.a.	n.a.
Total.....	1.90	1.97	2.09	2.19	2.45	2.34	2.50	n.a.	n.a.	n.a.	n.a.
Tomatoes:											
Fresh.....	11.92	12.55	12.35	13.22	12.84	13.41	13.20	13.39	13.69	15.26	15.77
Canned.....	58.26	63.40	56.76	56.98	64.26	65.37	68.37	63.36	60.37	69.21	61.96
Total.....	70.18	75.95	69.11	70.20	77.10	78.78	81.57	76.75	74.06	84.47	77.73

*Data for processed vegetables excludes quantities consumed in commercially produced soups, and baby foods and in canned wholesale mixtures such as peas and carrots and succotash.
²"On-cob" basis. ³Sauerkraut, canned & bulk. ⁴Pickles, canned & bulk. n.a. - Not available. r - Data for all years for all products except lima beans, cabbage, cucumbers and spinach was revised by U.S.D.A. in 1986.

APPENDIX—PER CAPITA CONSUMPTION—Continued

¹ VEGETABLES—CANNED

Per Capita Consumption—Pounds Processed Weight

Year	Beans				Carrots	Corn	Peas	Pickles
	Asparagus	Lima	Snap	Beets				
1964.....	0.7	0.4	4.8	1.4	0.6	5.6	4.1	6.2
1965.....	.8	.3	4.8	1.4	.6	5.5	4.1	6.2
1966.....	.7	.2	5.1	1.4	.7	5.3	4.2	6.6
1967.....	.7	.3	5.1	1.4	.7	5.4	4.1	7.3
1968.....	.7	.4	5.5	1.3	.6	5.8	4.2	7.7
1969.....	.7	.4	5.7	1.5	.6	6.1	4.1	7.7
1970.....	.7	.4	5.8	1.5	.6	5.9	3.9	7.4
1971.....	.6	.4	5.8	1.4	.6	6.1	3.8	7.6
1972.....	.6	.3	5.8	1.5	.8	6.5	3.8	7.8
1973.....	.7	.3	5.8	1.3	.6	6.4	4.2	7.9
1974.....	.5	.3	5.9	1.3	.6	6.0	3.5	7.7
1975.....	.5	.3	5.5	1.3	.6	5.1	3.4	7.7
1976.....	.6	.3	5.9	1.3	.5	5.7	3.6	8.3
1977.....	.4	.4	5.8	1.4	.6	6.2	3.8	8.1
1978.....	.3	.3	5.9	1.4	.5	5.9	3.6	8.1
1979.....	.3	.3	5.8	1.2	.5	5.7	3.2	8.3
1980.....	.3	.3	6.3	1.2	.5	5.9	3.3	7.8
1981.....	.3	.3	5.3	1.2	.4	5.1	3.0	7.5
1982.....	.3	.3	5.3	1.1	.3	5.4	3.0	6.9
1983.....	.3	.3	5.2	1.1	.6	5.2	2.7	n.a.
1984.....	.3	.2	4.2	1.1	.6	4.8	2.4	n.a.
1985.....	(a)	n.a.	(a)	(a)	(a)	(a)	(a)	n.a.

	Pumpkin and squash	Sauerkraut	Spinach	Tomato products ²	³ Other	Total	
						Previously reported	Currently reported ⁴
1964.....	0.6	1.2	0.8	13.9	1.1	41.4	31.5
1965.....	.5	1.4	.8	15.0	1.6	43.0	32.5
1966.....	.5	1.4	.7	14.6	1.6	43.0	32.2
1967.....	.5	1.4	.7	16.0	1.8	45.4	33.7
1968.....	.6	1.6	.8	17.9	1.6	48.7	36.4
1969.....	.5	1.4	.6	18.2	1.4	49.7	37.3
1970.....	.5	1.5	.8	15.4	1.5	46.5	34.2
1971.....	.5	1.6	.7	15.9	1.6	46.2	34.6
1972.....	.6	1.5	.8	16.9	1.5	49.0	36.2
1973.....	.6	1.4	.9	17.3	1.4	49.8	36.6
1974.....	.6	1.5	.8	17.6	1.5	48.9	35.7
1975.....	.6	1.3	.6	17.9	1.3	47.0	34.6
1976.....	.5	1.4	.8	20.1	1.4	51.0	38.0
1977.....	.4	1.4	.6	16.8	1.4	47.6	35.4
1978.....	.5	1.3	.7	18.5	1.3	47.9	33.4
1979.....	.6	1.3	.8	17.3	1.3	46.3	33.3
1980.....	.4	1.3	.5	17.5	.9	46.2	35.3
1981.....	.4	1.2	.5	16.4	.8	42.4	32.0
1982.....	.4	1.0	.5	16.9	.9	42.3	32.6
1983.....	n.a.	n.a.	n.a.	18.3	n.a.	n.a.	33.7
1984.....	n.a.	n.a.	n.a.	19.0	n.a.	n.a.	32.6
1985.....	n.a.	n.a.	n.a.	(a)	n.a.	n.a.	n.a.

n.a. - Not available. ¹Excludes soups, baby foods, and canned dry bean products. ²Includes whole tomatoes, pulp, puree, sauce, catsup, chili sauce, tomato, and other vegetable juices. ³Includes okra, field peas, southern greens, pimientos, and mixed vegetables. ⁴Includes data only for those items reported for the entire series. (a) Not available. See per capita consumption, fresh equivalent basis on preceeding page.

APPENDIX—PER CAPITA CONSUMPTION—Continued

VEGETABLES—FROZEN

Per Capita Consumption—Pounds Processed Weight

Year	Asparagus	Beans		Broccoli	Brussels sprouts	Carrots	Cauliflower
		Lima	Snap				
1964.....	0.2	0.7	0.8	0.7	0.2	0.4	0.2
1965.....	.2	.7	.9	.7	.2	.5	.2
1966.....	.2	.7	1.1	.7	.2	.6	.3
1967.....	.2	.7	1.1	.8	.2	.7	.3
1968.....	.2	.7	1.1	.8	.2	.7	.3
1969.....	.2	.6	1.0	.8	.2	.7	.3
1970.....	.1	.7	1.1	.8	.2	.8	.3
1971.....	.1	.6	1.0	.9	.2	.7	.4
1972.....	.1	.7	1.1	1.0	.2	.8	.4
1973.....	.1	.7	1.1	1.1	.2	1.0	.4
1974.....	.1	.6	1.1	1.0	.3	1.0	.4
1975.....	.1	.5	.9	.9	.2	.9	.4
1976.....	.1	.5	1.1	1.0	.3	.9	.4
1977.....	.1	.5	1.0	1.1	.3	1.0	.4
1978.....	.1	.5	1.0	1.4	.3	1.0	.5
1979.....	.1	.5	1.1	1.4	.3	1.0	.5
1980.....	.1	.5	1.0	1.4	.3	.9	.5
1981.....	.1	.5	1.1	1.5	.3	1.0	.6
1982.....	.1	.5	1.1	1.5	.3	1.0	.5
1983.....	.1	.3	1.0	1.5	.2	1.0	.5
1984.....	.1	.4	1.1	1.7	.2	1.2	.5
1985.....	(a)	n.a.	(a)	(a)	n.a.	(a)	(a)

Year	Corn, cut basis	Onions	Peas	Pumpkin and squash	Spinach	Other ²	Total vegetables ³	Potato products
1964.....	1.0	1	1.8	0.1	0.6	0.9	7.6	5.9
1965.....	1.1	1	2.0	.1	.6	.9	8.1	5.7
1966.....	1.3	1	2.1	.1	.7	1.1	8.8	6.9
1967.....	1.6	1	1.9	.1	.7	1.1	9.0	7.6
1968.....	1.6	0.2	2.1	.1	.7	1.1	9.6	8.5
1969.....	1.4	.2	1.8	.1	.7	1.0	9.1	9.8
1970.....	1.6	.3	1.9	.1	.7	1.1	9.6	11.1
1971.....	1.5	.3	1.8	.1	.7	1.2	9.7	12.1
1972.....	1.5	.5	1.8	.1	.7	1.1	9.9	12.2
1973.....	1.6	.5	1.8	.2	.7	1.5	10.7	13.2
1974.....	1.6	.5	1.7	.1	.8	1.1	10.2	13.1
1975.....	1.5	.6	1.7	n.a.	.7	1.2	9.6	13.7
1976.....	1.5	.7	1.6	n.a.	.7	1.4	10.1	14.6
1977.....	1.7	.7	1.5	n.a.	.7	1.2	10.2	15.7
1978.....	1.8	.7	1.5	n.a.	.7	1.2	10.7	17.2
1979.....	2.1	.7	1.7	n.a.	.7	1.2	11.2	17.7
1980.....	1.9	.7	1.5	n.a.	.8	.9	10.4	16.9
1981.....	2.1	.7	1.6	n.a.	.8	1.3	11.5	18.2
1982.....	2.0	.8	1.4	n.a.	.7	1.3	10.9	18.1
1983.....	2.2	.6	1.5	n.a.	.7	1.5	11.1	18.8
1984.....	2.3	.7	1.6	n.a.	.7	1.5	12.0	20.8
1985.....	(a)	n.a.	(a)	n.a.	n.a.	n.a.	n.a.	n.a.

n.a. - Not available. ¹Included in other vegetables.
 miscellaneous vegetables. ³Excludes potato products.
 Consumption reported on fresh equivalent basis.

²Includes okra, southern greens, field peas, and
 (a) Not available. See Vegetables - Per Capita

EXPENDITURES—FOOD FOR OFF-PREMISE USE

Source: U.S.D.A., Economic Research Service—Millions of Dollars

Year	Food sales						Total for off-premise use	*All food
	² Food-stores	³ Other stores	Home delivery and mail order	Farmers, manufacturers, and wholesalers	Total	Home production and donations		
1965...	49,076	3,266	2,631	1,629	56,602	3,940	60,542	86,739
1966...	51,446	3,438	2,517	1,689	59,090	3,815	62,905	91,606
1967...	52,109	3,318	2,499	1,618	59,544	3,659	63,203	93,622
1968...	55,198	3,482	2,460	1,676	62,816	3,707	66,523	99,983
1969...	59,509	3,625	2,379	1,736	67,249	3,849	71,098	107,213
1970...	65,480	3,765	2,383	1,813	73,441	4,086	77,527	117,110
1971...	69,161	4,004	2,373	1,828	77,366	4,080	81,446	123,697
1972...	74,123	4,221	2,400	1,811	82,555	4,297	86,852	133,171
1973...	83,896	4,969	2,270	2,062	93,197	5,217	98,414	150,933
1974...	95,259	5,695	2,208	2,174	107,336	6,114	113,450	172,812
1975...	104,246	6,365	1,952	2,231	114,794	5,975	120,769	188,840
1976...	110,734	6,929	1,861	2,311	121,835	6,149	127,984	204,723
1977...	118,256	7,070	2,264	2,934	130,524	6,035	136,559	221,563
1978...	130,627	7,710	2,385	3,222	143,944	6,476	150,420	246,653
1979...	146,244	8,411	2,567	3,568	160,790	6,992	167,782	277,177
1980...	161,723	9,265	2,762	3,904	177,654	8,275	185,929	306,569
1981...	172,609	10,142	2,729	4,150	189,630	9,280	198,910	330,774
1982...	179,164	10,777	2,616	4,215	196,772	9,435	206,207	347,368
1983...	186,829	12,132	2,575	4,303	205,839	9,935	215,774	370,122
1984...	197,080	13,074	2,571	4,484	217,209	9,324	226,585	393,483
1985...	204,604	13,657	2,437	4,619	225,317	7,927	233,244	410,539
1986...	212,913	14,536	2,623	4,765	234,837	8,025	242,862	433,606

²Excludes estimated sales to restaurants and institutions. ³Includes eating and drinking establishments and trailer parks; commissary stores, and military exchanges included thru 1985. ⁴Includes expenditures for "Meals and Snacks".

¹EXPENDITURES—MEALS AND SNACKS

Source: U.S.D.A., Economic Research Service—Millions of Dollars

Year	² Eating and drinking places	² Hotels and motels	³ Retail stores, direct selling	⁴ Recreational places	⁵ Schools and colleges	⁶ All other	Total for meals & snacks	⁷ All food
1965...	14,444	1,409	2,162	522	3,062	4,598	26,197	86,739
1966...	15,768	1,541	2,346	544	3,329	5,173	28,701	91,906
1967...	16,595	1,623	2,436	563	3,632	5,570	30,419	93,622
1968...	18,695	1,703	2,713	616	3,903	5,830	33,460	99,983
1969...	20,207	1,716	2,984	661	4,256	6,291	36,115	107,213
1970...	22,617	1,894	3,325	721	4,475	6,551	39,583	117,110
1971...	24,166	2,086	3,626	762	4,990	6,621	42,251	123,697
1972...	26,799	2,390	3,911	832	5,370	7,017	46,319	133,171
1973...	31,041	2,639	4,308	963	5,605	7,960	52,516	150,933
1974...	35,154	2,864	4,712	1,167	6,287	9,178	59,362	172,812
1975...	41,200	3,199	5,098	1,369	7,060	10,145	68,071	188,840
1976...	47,326	3,769	5,457	1,511	7,854	10,822	76,739	204,723
1977...	52,608	4,115	5,663	2,606	8,418	11,594	85,004	221,563
1978...	60,190	4,863	6,323	2,795	9,066	12,996	96,233	246,653
1979...	69,054	5,551	7,157	2,941	9,966	14,726	109,395	277,177
1980...	76,089	5,906	8,158	3,061	11,212	16,214	120,640	306,569
1981...	83,597	6,639	8,830	2,967	11,876	17,955	131,864	330,774
1982...	90,658	6,888	9,246	2,840	12,496	19,033	141,161	347,368
1983...	100,437	7,561	10,106	3,017	13,269	19,958	154,348	370,122
1984...	109,155	8,186	10,935	3,166	13,793	21,663	166,898	393,483
1985...	116,897	8,805	11,350	3,286	14,302	22,655	177,295	410,539
1986...	126,969	9,300	12,266	3,510	14,916	23,783	190,744	433,606

²Includes tips. ³Includes vending machine operators but not vending machines operated by other organizations. ⁴Motion picture theaters, bowling alleys, pool parlors, sport arenas, camps, amusement parks, golf and country clubs. Includes concessions beginning 1977. ⁵Includes school food subsidies. ⁶Military exchanges and clubs; railroad dining cars; airlines; food service in manufacturing plants, institutions, hospitals, boarding houses, fraternities and sororities, and civic and social organizations; and food supplied to military forces and civilian employees; child daycare. ⁷Includes expenditures for "Food for Off-Premise Use".

FOODSERVICE ANALYSIS BY INDUSTRY SEGMENT

Source: USDA Economic Research Service

FOODSERVICE—NUMBER OF ESTABLISHMENTS

FOODSERVICE—FOOD USE

Industry segment	1978	1979	1980	1981	1982	1983	1984	1985 ¹	1978	1979	1980	1981	1982	1983	1984	1985
	Number	Number	Number	Number	Number	Number	Number	Number	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Separate eating places:																
Restaurants, lunchrooms	119,687	120,478	121,269	122,060	122,851	123,642	124,433	125,502	15,327	15,946	15,407	15,402	15,425	16,150	16,774	n.a.
Fast food outlets	103,818	107,143	110,469	113,794	117,119	120,444	123,769	124,809	10,602	10,771	11,201	11,266	12,404	13,645	14,786	n.a.
Cafeterias	6,907	6,612	6,418	6,223	6,029	5,835	5,640	5,388	2,143	2,175	2,049	1,996	1,966	2,024	2,044	n.a.
Total ²	230,323	234,245	238,167	242,069	245,958	249,952	253,854	255,699	28,206	29,009	28,918	28,980	30,191	32,281	34,136	n.a.
Lodging places:																
Retail hotels	25,338	24,745	24,152	23,559	24,448	23,855	23,262	22,613	2,144	2,215	2,126	2,162	2,114	2,220	2,290	n.a.
Recreation, entertainment	60,037	59,422	58,808	58,193	57,578	56,963	56,348	55,005	1,987	1,966	1,923	1,914	1,868	1,960	2,082	n.a.
Separate drinking places	33,713	33,808	33,902	33,996	34,093	34,188	34,282	34,910	3,107	3,057	3,114	2,989	3,230	3,403	3,584	n.a.
Total ²	50,022	48,636	47,250	45,864	44,478	43,092	41,706	40,642	1,634	1,535	1,470	1,375	1,278	1,239	1,151	n.a.
Commercial feeding ³	399,434	400,856	402,278	403,701	410,155	408,030	409,453	409,869	37,078	37,802	37,551	37,419	38,682	41,103	43,243	n.a.
Education:																
Elementary, secondary	93,000	94,300	94,100	92,900	91,300	90,600	89,600	89,424	8,877	9,156	9,312	9,044	8,047	8,153	8,214	n.a.
Colleges, universities	3,134	3,152	3,231	3,253	3,280	3,334	3,288	3,299	3,514	3,417	3,520	3,575	3,786	4,043	4,084	n.a.
Other education	2,939	2,948	2,957	2,925	2,966	2,975	3,000	3,076	162	162	167	174	190	209	217	n.a.
Total ²	99,073	100,400	100,288	99,078	97,546	96,859	95,888	95,799	12,553	12,734	12,998	12,792	12,023	12,405	12,515	n.a.
Plant, office buildings:																
Hospitals	15,655	15,905	15,780	15,747	15,414	15,409	15,846	15,963	2,616	2,691	2,705	2,734	2,711	2,746	2,860	n.a.
Care facilities	7,015	6,988	6,965	6,933	6,915	6,888	6,861	6,835	3,185	3,188	3,240	3,243	3,219	3,142	3,069	n.a.
Vending	21,766	22,416	23,065	24,941	26,817	27,875	28,933	29,711	1,969	2,069	2,222	2,372	2,733	2,812	2,854	n.a.
Military services:	3,711	3,685	3,660	3,634	3,608	3,582	3,556	3,531	1,634	1,644	1,622	1,531	1,468	1,465	1,492	n.a.
Troop feeding	1,431	1,359	1,275	1,389	1,387	1,341	1,310	1,290	1,809	1,847	1,837	1,876	1,864	1,919	1,998	n.a.
Clubs, exchanges	2,478	2,457	2,448	2,435	2,431	2,420	2,042	1,980	437	422	419	431	436	437	468	n.a.
Total ²	3,909	3,816	3,723	3,824	3,818	3,761	3,352	3,270	2,246	2,289	2,256	2,307	2,300	2,356	2,366	n.a.
Transportation:																
Associations	767	740	696	714	664	644	642	640	852	892	889	865	835	851	876	n.a.
Correctional facilities	19,027	19,088	19,150	19,211	19,272	19,333	19,394	19,450	3,185	3,188	3,240	3,243	3,219	3,142	3,069	n.a.
Child day care centers	6,906	6,871	6,924	6,977	7,031	7,085	7,164	7,204	511	511	517	550	579	579	579	n.a.
Elderly feeding programs	24,971	30,309	45,155	64,657	70,579	78,800	84,175	88,410	408	460	460	555	663	716	786	n.a.
Other	11,616	12,077	12,556	12,915	13,246	13,983	14,035	14,065	208	253	281	317	330	355	372	n.a.
Total ²	17,308	16,117	15,914	15,841	16,159	16,479	16,799	17,101	109	108	106	106	108	110	112	n.a.
Noncommercial feeding total ²	331,724	338,412	343,875	349,472	355,169	360,708	366,445	371,986	26,948	27,421	27,993	28,140	27,738	28,356	28,709	n.a.
Grand total ²	631,157	639,268	646,153	652,172	658,172	664,172	670,172	676,172	64,027	65,223	65,544	65,860	66,420	67,000	67,580	n.a.

¹ Preliminary.² Totals may not add due to rounding.
Economic Research Service.

FOODSERVICE ANALYSIS BY INDUSTRY SEGMENT—Continued

FOODSERVICE — SALES

FOODSERVICE - WHOLESALE FOOD COSTS

Industry segment	1978	1979	1980	1981	1982	1983	1984	1985 ¹	1978	1979	1980	1981	1982	1983	1984	1985
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Separate eating places:																
Restaurants, lunchrooms	28,981	33,534	35,615	38,805	40,931	44,731	48,419	52,296	11,534	13,347	14,175	15,445	16,291	17,803	19,271	n.a.
Fast food outlets	22,226	25,112	28,706	31,523	36,492	41,898	47,319	51,455	8,379	9,467	10,822	11,884	13,758	15,796	17,839	n.a.
Cafeterias	2,075	2,343	2,426	2,575	2,699	2,871	3,022	2,992	789	890	922	978	1,026	1,091	1,149	n.a.
Total ²	53,900	61,653	67,557	73,787	80,967	90,356	99,582	106,743	20,913	23,921	26,212	28,629	31,415	35,058	38,638	n.a.
Lodging places	4,304	4,937	5,258	5,939	6,164	6,756	7,264	7,355	1,795	2,063	2,176	2,412	2,484	2,723	2,927	n.a.
Retail hotels	2,988	3,322	3,535	3,835	3,943	4,318	4,779	4,910	1,171	1,302	1,386	1,503	1,546	1,693	1,874	n.a.
Recreation, entertainment	1,928	2,110	2,362	2,471	2,813	3,093	3,394	3,510	787	961	961	1,003	1,135	1,248	1,368	n.a.
Separate drinking places	1,000	1,045	1,100	1,121	1,096	1,111	1,076	982	357	373	393	400	392	397	384	n.a.
Commercial feeding total ²	64,121	73,067	79,814	87,154	94,985	105,634	116,095	123,500	25,024	28,520	31,128	33,948	36,972	41,118	45,190	n.a.
Education:																
Elementary, secondary	6,494	7,313	7,875	8,099	7,368	7,537	7,930	8,472	3,247	3,656	3,937	4,049	3,684	3,768	3,965	n.a.
Colleges, universities	2,306	2,494	2,824	3,126	3,487	3,886	4,092	4,230	994	1,075	1,217	1,347	1,503	1,675	1,764	n.a.
Other education	106	118	134	152	175	201	217	240	46	51	58	65	75	87	94	n.a.
Total ²	8,907	9,925	10,833	11,376	11,030	11,624	12,239	12,942	4,287	4,782	5,212	5,462	5,262	5,530	5,822	n.a.
Plants, office buildings	4,070	4,658	5,145	5,689	5,919	6,258	6,793	7,186	1,632	1,868	2,063	2,273	2,373	2,509	2,724	n.a.
Hospitals	3,955	4,403	4,919	5,366	5,609	5,715	5,817	5,905	1,511	1,682	1,879	2,050	2,143	2,183	2,222	n.a.
Care facilities	2,758	3,198	3,602	4,072	4,797	4,983	5,281	5,452	1,379	1,589	1,801	2,036	2,399	2,492	2,641	n.a.
Vending	2,642	2,853	3,094	3,183	2,214	3,348	3,553	3,730	1,028	1,110	1,204	1,238	1,250	1,303	1,382	n.a.
Military services:																
Troop feeding	1,275	1,421	1,496	1,619	1,644	1,709	1,765	1,853	637	710	748	809	822	854	883	n.a.
Clubs, exchanges	373	400	438	490	522	546	601	617	162	174	190	213	227	238	265	n.a.
Total ²	1,648	1,821	1,934	2,109	2,166	2,255	2,366	2,470	800	885	938	1,022	1,049	1,092	1,148	n.a.
Transportation																
Associations	1,225	1,426	1,563	1,656	1,685	1,793	1,922	1,996	484	563	617	654	666	709	760	n.a.
Correctional facilities	994	1,058	1,153	1,276	1,431	1,501	1,562	1,610	410	436	475	526	590	618	643	n.a.
Child day care centers	567	626	705	786	1,018	1,092	1,155	1,205	283	313	353	393	509	546	578	n.a.
Elderly feeding programs	299	367	469	641	607	663	760	835	150	184	235	321	304	331	380	n.a.
Other	292	388	456	544	579	689	744	744	146	194	228	272	289	315	344	n.a.
Total ²	162	178	192	208	223	238	252	268	81	89	96	104	112	119	126	n.a.
Noncommercial feeding total ²	27,518	30,901	34,064	36,886	38,279	40,098	42,390	44,343	12,189	13,704	15,100	16,351	16,945	17,746	18,771	n.a.
Grand total ²	91,639	103,968	113,876	124,040	133,264	145,733	158,485	167,843	37,214	42,224	46,228	50,298	53,917	58,864	63,961	n.a.

¹ Preliminary.² Totals may not add due to rounding.
Economic Research Service.